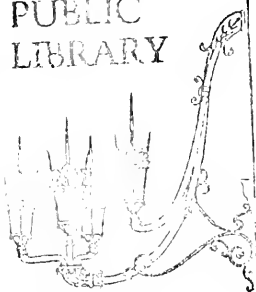


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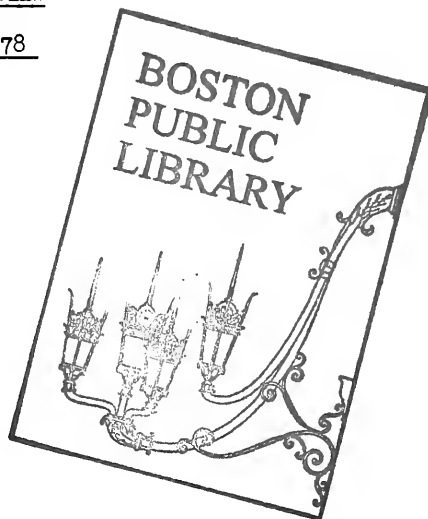
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LABOR MARKET INFORMATION REVIEW

THIRD CALENDAR QUARTER 1978



STANDARD METROPOLITAN STATISTICAL AREA

BOSTON, MASSACHUSETTS

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January, 1979

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P R E F A C E

The Labor Market Information Review is designed to meet the information needs of CETA planners, vocational educators, State and local officials, business, labor, and other community groups. The report includes data on employment and unemployment developments by industry and occupation, labor demand and supply relationships, characteristics of the insured unemployed, and unfilled openings and applicant characteristics. /

AREA EMPLOYMENT PROFILE

POPULATION	1975 SMSA total of 2,890,400 (U.S. Census estimates); an increase of 0.1 percent over the 1970 U.S. Census figure of 2,887,510.
CIVILIAN LABOR FORCE	1977 Annual Average of 1,338,500 a 0.06 percent increase from the 1976 annual average of 1,337,600.
NONFARM WAGE & SALARY EMPLOYMENT	1977 Annual Average of 1,302,300 an increase of 2.7 percent compared with the 1976 annual average of 1,267,700.
MANUFACTURING AS A PERCENT OF TOTAL NONFARM WAGE AND SALARY EMPLOYMENT	Boston SMSA: 20.6 percent of 1977 annual average total nonfarm wage and salary employment. Massachusetts: 25.8 percent of 1977 annual average total nonfarm wage and salary unemployment.
MOST IMPORTANT INDUSTRIES IN TERMS OF EMPLOYMENT	Manufacturing: Electrical Machinery, Instruments, Transportation Equipment, Fabricated Metals, and Printing. Nonmanufacturing: Services, Wholesale and Retail Trades, and Government.
UNEMPLOYMENT	1977 Annual Average 7.8 percent of Civilian Labor Force compared with 8.1 percent for Massachusetts.

Cities and Towns in the
Boston SMSA
(Including 17 Cities and 75 Towns)

CITIES	TOWNS			
Beverly	Abington	Duxbury	Medway	Stoneham
Boston	Acton	Framingham	Middleton	Stoughton
Cambridge	Arlington	Franklin	Millis	Sudbury
Chelsea	Ashland	Foxborough	Milton	Swampscott
Everett	Bedford	Hamilton	Nahant	Topsfield
Lynn	Belmont	Hanover	Natick	Wakefield
Malden	Bellingham	Hanson	Needham	Walpole
Medford	Boxborough	Hingham	Norfolk	Watertown
Melrose	Boxford	Holbrook	No. Reading	Wayland
Newton	Braintree	Holliston	Norwell	Wellesley
Peabody	Brookline	Hull	Norwood	Wenham
Quincy	Burlington	Kingston	Pembroke	Weston
Revere	Canton	Lexington	Randolph	Westwood
Salem	Carlisle	Lincoln	Reading	Weymouth
Somerville	Cohasset	Lynnfield	Rockland	Wilmington
Waltham	Concord	Manchester	Saugus	Winchester
Woburn	Danvers	Marblehead	Scituate	Winthrop
	Dedham	Marshfield	Sharon	Wrentham
	Dover	Medfield	Sherborn	

BOSTON SMSA



MASSACHUSETTS DEPARTMENT OF COMMUNITY AFFAIRS

BUREAU OF REGIONAL PLANNING

10 0 10 20

SCALE IN MILES

I. Summary

Nonagricultural wage and salary employment in the Boston SMSA has expanded over the year with a September 1978 level which is 4.3 percent higher than that of September 1977. The bulk of the increase occurred within the nonmanufacturing industries, however gains were evident within the manufacturing sector as well.

The size of the labor force in the Boston SMSA is up by 1.4 percent from September 1977. In addition both hourly earnings and weekly hours advanced over the year. ✓

Unemployment in the SMSA has abated with a September 1978 unemployment rate down 1.4 percentage points from January 1978. This decrease is reflected in unemployment insurance activities where both initial claims and continued claims have declined. A review of the characteristics of the insured unemployed shows that the largest number of claimants were in the clerical and sales occupations.

The Employment Service has recorded an increase in the number of individuals placed in jobs for the fiscal year ending September 1978, up 6,310 from the previous fiscal year. Two groups that experienced increases in placements were individuals under twenty years of age, and blacks. The Employment Service has also been particularly successful in placing individuals in professional, technical, and managerial positions during 1978.

II. Employment Trends

A. Employment Developments by Industry

Nonagricultural wage and salary employment in the Boston SMSA has grown significantly in 1978, with a September 1978 level 4.5 percent higher than the January 1978 level. This represents an increase of 59,100 jobs in the SMSA over that time period. The manufacturing division has gained 11,600 jobs since January 1978 with 88 percent of this occurring in the durable goods manufacturing sector. All of the industries in this sector improved, with the exception of primary metals which held steady during the period. The most significant gains were in the instruments industry which is up by 4,000 positions since January 1978. The other large employing industries in this sector, machinery (except electrical), electrical machinery, and transportation equipment, also posted healthy advances over the period with increases of 1,800, 1,500 and 2,200 respectively. The nondurable goods manufacturing sector also experienced expansion during this period, up by 1,400 positions. The major gainers were apparel and printing both up by 400 positions, accounting for 57 percent of the growth. The remainder of the growth was spread throughout the rest of the industries with the exception of food, and rubber both of which had minor losses.

Eighty percent of the increase in nonagricultural employment since January has occurred in the nonmanufacturing sector. This represents a gain of 47,500 positions. Contract construction is up by 10,600 jobs since January, but more significantly has grown by 3.8 percent from year ago levels. The largest gains were in the service, miscellaneous and mining industry which grew by 23,500 positions accounting for 49 percent of the increase in the nonmanufacturing sector.

The expansion of nonagricultural employment in the Boston SMSA followed statewide trends, where employment over the same time period grew by 4.8 percent. It is interesting to note however that compared to the state, the manufacturing sector in the Boston SMSA experienced a larger rate of growth, 4.2 percent as compared to 3.1 percent statewide. This was due to the fact that all of the durable goods producing industries within the SMSA evidenced growth rates above those statewide for the period January through September 1978.

Table 1
Nonagricultural Employment
Boston SMSA

	Employment September 1977	Employment September 1978	Percent Change 77-78
Nonagricultural Total	1317.9	1374.5	+ 4.3
Manufacturing Total	268.8	284.1	+ 5.7
Durable Goods Total	171.2	186.0	+ 8.6
Primary Metals	3.3	3.3	--
Fabricated Metals	20.8	21.3	+ 2.4
Machinery (exc. elec.)	35.0	37.1	+ 6.0
Electrical Machinery	47.8	49.3	+ 3.1
Transportation Equip.	18.1	24.7	+11.0 ^{1/}
Instruments	39.0	43.3	+11.0
Other Durable Goods	7.2	7.0	- 2.7
Nondurable Goods	97.6	98.1	+ 0.5
Food	16.8	16.5	- 1.8
Textiles	4.0	4.1	+ 2.5
Apparel	13.7	13.7	--
Paper	9.6	9.4	- 2.1
Printing	23.3	23.7	+ 1.7
Chemicals	8.6	9.0	+ 4.7
Rubber	8.9	8.8	- 1.1
Leather	7.1	7.2	+ 1.4
Other Nondurables	5.6	5.7	+ 1.8
Nonmanufacturing Total	1049.1	1090.4	+ 3.9
Contract Construction	44.3	46.0	+ 3.8
Transp. & Public Util.	69.1	68.6	- 0.7
Wholesale, Retail Trade	302.6	305.8	+ 1.1
Finance, Insurance & Real Estate	95.1	98.6	+ 3.7
Service, Miscellaneous and Mining	340.3	369.2	+ 8.5
Government	197.7	202.2	+ 2.3

^{1/} High rate of growth due to strike in industry during September 1977.

Table 2
Nonagricultural Wage and Salary Employment
Boston SMSA
January 1978-September 1978
(in 000's)

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.
Nonagricultural-Total	1315.4	1316.5	1333.3	1348.1	1358.0	1368.6	1362.9	1369.8	1374.5
Manufacturing	272.5	271.8	275.3	277.5	279.5	283.2	280.7	284.0	284.1
Durable Goods	175.8	175.6	177.5	179.3	180.7	183.8	183.3	185.2	186.0
Primary Metals	3.3	3.3	3.3	3.3	3.3	3.3	3.2	3.3	3.3
Fabricated Metals	20.7	20.6	20.8	20.8	20.5*	21.1**	21.0	21.2	21.3
Machinery (ex. elec)	35.3	35.0	35.5	35.8	36.0	36.8	36.9	36.9	37.1
Elec. Machinery	47.8	47.9	48.4	48.8	49.1	49.5	49.1	49.4	49.3
Transportation Equip.	22.5	22.4	22.7	22.9	23.5	24.0	24.1	24.4	24.7
Instruments	39.3	39.6	39.8	40.5	40.9	41.8	41.9	42.8	43.3
Other Durables	6.9	6.8	7.0	7.2	7.4	7.3	7.1	7.2	7.0
Nondurable Goods	96.7	96.2	97.8	98.2	98.8	99.4	97.4	98.8	98.1
Food	16.6	16.5	16.8	16.6	16.6	16.5	16.5	16.6	16.5
Textiles	4.0	4.0	4.1	4.1	4.1	4.2	4.1	4.1	4.1
Apparel	13.3	13.6	13.7	13.9	14.0	14.1	13.5	13.9	13.7
Paper	9.3	9.0	9.3	9.4	9.4	9.6	9.4	9.6	9.4
Printing	23.3	23.2	23.3	23.4	23.7	23.8	23.4	23.6	23.7
Chemicals	8.8	8.7	8.8	8.8	8.8	9.0	9.0	9.0	9.0
Rubber	8.9	8.9	9.0	9.1	9.1	9.1	8.9	9.0	8.8
Leather	6.9	7.0	7.2	7.3	7.4	7.4	6.9	7.3	7.2
Other Nondurables	5.6	5.3	5.6	5.6	5.7	5.7	5.7	5.7	5.7
Nonmanufacturing	1042.9	1044.7	1058.0	1070.6	1078.5	1085.4	1082.2	1085.8	1090.4
Contract Const.	35.4	33.5	34.9	39.6	42.1	44.2	45.3	46.2	46.0
Transp. & Pub. Util.	67.4	67.2	67.5	68.0	68.2	68.5	66.7	66.9	68.6
Wholesale & Retail Trade	296.3	292.5	294.7	297.5	300.1	303.1	297.9	298.3	305.8
Fin., Ins., and Real Estate	96.4	96.5	97.1	97.6	97.8	99.0	99.4	99.3	98.6
Services, Misc. and Mining	345.7	351.8	360.0	364.0	366.6	365.4	366.2	367.4	369.2
Government	201.7	203.2	203.8	203.9	203.7	205.2	206.7	207.7	202.2

* Strike

** Strike Over

Table 3
 Percentage Growth by Industry
 January 1978-September 1978
 Boston SMSA vs. Massachusetts

Industry	Boston SMSA	Massachusetts
Nonagricultural - Total	+ 4.5	+ 4.8
Manufacturing	+ 4.2	+ 3.1
Durable Goods	+ 5.8	+ 3.0
Primary Metals	--	--
Fabricated Metals	+ 2.9	+ 1.6
Machinery	+ 5.1	+ 3.3
Electrical Machinery	+ 3.1	+ 2.2
Transportation Equip.	+ 9.8	+ 7.7
Instruments	+10.2	+ 4.3
Nondurable Goods	+ 1.4	+ 3.2
Food	- 0.6	+ 2.7
Textiles	+ 2.5	+ 4.3
Apparel	+ 3.0	+ 0.9
Paper	+ 1.1	+ 3.4
Printing	+ 1.7	+ 3.3
Chemicals	+ 2.3	+ 1.7
Rubber	- 1.1	+ 4.0
Leather	+ 4.3	+ 1.8
Other Nondurables	+ 1.8	+ 1.8
Nonmanufacturing	+ 4.6	+ 4.2
Contract Construction	+29.9	+41.8
Transp. & Public Util.	+ 1.8	+ 1.6
Wholesale-Retail Trade	+ 3.2	+ 6.3
Finance, Insurance and		
Real Estate	+ 2.3	+ 3.7
Services	+ 6.8	+ 6.7
Government	+ 0.2	- 1.3

B. Hours and Earnings

Average hourly earnings of production workers in the Boston SMSA were \$6.19 in September 1978, up \$0.11 since August, and up \$0.44 since September 1977. Increases in average hourly earnings occurred in both the durable and nondurable goods sectors, gaining \$0.38 and \$0.43 respectively over the year. The largest annual increases were recorded by primary metals in the durable goods sector and by chemicals in the nondurable goods sector. Transportation equipment registered the largest average hourly rate, although it was the only industry to show a decline since last year, while apparel had the lowest hourly rate.

Over the year, average weekly hours went from 40.7 to 41.3 and durable and nondurable goods each moved forward. The industries which experienced the largest annual increases were instruments, up 3.6 hours in the durable sector and paper, up 2.2 hours in nondurable. Currently, the two industries with the largest weekly hours are textiles and instruments both with 46.6. Apparel registered the lowest with 37.6 hours.

Average weekly earnings reflecting an increase in both average hourly earnings and average hours worked, has risen \$21.62 since September 1977. Instruments had the largest yearly gain of \$39.60. Transportation had the only loss, a result of decline both in average hourly earnings, and average weekly hours.

Table 4

Hours and Earnings of Production Workers
Boston SMSA

Production Worker Averages	Weekly Earnings			Weekly Hours			Hourly Earnings		
	Sept. 78	Aug. 78	Sept. 79	Sept. 78	Aug. 78	Sept. 77	Sept. 78	Aug. 78	Sept. 77
Manufacturing Total	\$255.65	\$242.59	\$234.03	41.3	39.9	40.7	\$6.19	\$6.08	\$5.75
Durable Goods Total	268.55	252.80	250.28	41.7	40.0	41.3	6.44	6.32	6.06
Primary Metals	240.00	236.40	217.71	40.0	39.4	39.8	6.00	6.00	5.47
Fabricated Metals	253.68	252.24	237.72	42.0	41.9	42.0	6.04	6.02	5.66
Machinery (exc. Electrical)	264.54	258.98	257.63	39.9	39.6	40.7	6.63	6.54	6.33
Elec. Machinery	232.97	213.56	213.31	40.8	38.9	40.4	5.71**	5.49	5.28
Transp. Equipment	286.51	224.69	312.98	38.1 ^φ	30.2***	40.7	7.52	7.44	7.69
Instruments	311.81	309.75	272.21	46.4	46.3*	42.8	6.72	6.69	6.36
Nondurable Goods Total	234.60	226.46	212.27	40.8	39.8	39.9	5.75	5.69	5.32
Food	256.37	252.00	238.52	40.5	40.0	41.7	6.33	6.30	5.72
Textiles	229.22	223.78	215.29	46.4	45.3	46.7	4.94	4.94	4.61
Apparel	155.66	154.09	144.20	37.6	37.4	36.6	4.14	4.12	3.94
Paper	260.35	237.01	225.75	45.2	41.8	43.0	5.76	5.67	5.25
Printing	279.62	275.96	253.92	38.2	37.7	36.8	7.32	7.32*	6.90
Chemicals	296.96	276.64	257.70	43.1	41.6	41.1	6.89*	6.65	6.27
Rubber	229.90	208.43	198.74	41.2	39.4	39.2	5.58**	5.29	5.07
Leather	161.70	163.00	155.72	36.5	37.3	36.9	4.43	4.37	4.22

* Overtime

** Wage Increases

*** Temporary Shutdown

^φ Return to Normal After Retooling

C. Labor Turnover

During the month of September 1978 total accessions increased and total separations decreased in the Boston SMSA. Total accessions to manufacturers payrolls including new hires, recalls from layoffs and transfers from other establishments increased over the month by 0.6 percentage points to 4.1 percent. Statewide, accessions increased by 0.1 over the same time period. Total separations, which measures terminations of employment resulting from quits, discharges, layoffs, transfers to other establishments, and military leave dipped from 4.1 to 4.0 percent, while statewide it decreased by 0.3 percentage points to 4.5 percent. The quit rate, which is sometimes viewed as a reflection of workers assessment of existing employment opportunities, went down by 0.2 percentage points to 2.5 percent.

The difference between total accessions and total separations, which is the measure of net flow into or out of employment, indicates a positive balance of 0.1 percentage points for the Boston SMSA - a rise of 0.7 percentage points from the previous month.

Definitions

Labor Turnover - Gross movement of wage and salary workers into and out of jobs with respect to individual firms.

Total Accessions - All permanent or temporary additions, whether new or former employees.

New Hires - Permanent or temporary additions of persons who have not been specifically recalled by the employer, or transferred from another establishment of the same firm.

Recalls - Permanent or temporary additions to the employment roll of persons specifically recalled to a job in the same establishment of the company following a period of layoff lasting more than seven consecutive days.

Total Separations - Terminations of employment resulting from quits, discharges, layoffs, transfers to another establishment of the same company, military duty and other miscellaneous causes.

Quits - Terminations of employment initiated by employee for any reason except to retire, to transfer to another establishment of the same company or to serve in the armed forces.

Layoffs - Suspensions for pay status (which last or are expected to last more than seven consecutive calendar days) initiated by the employer without prejudice to the worker for such reasons as lack of orders, model changeover, or termination of seasonal employment.

Table 5

Labor Turnover Rates
By Industry
Boston SMSA
September 1978

	Accession Rates										Separation Rates									
	Total			New Hires			Recalls			Total	Quits			Layoffs			Total	Quits		
	Sept 78	Aug 77	Sept 78	Sept 78	Aug 77	Sept 78	Sept 78	Aug 77	Sept 78		Sept 78	Aug 77	Sept 78	Sept 78	Aug 77	Sept 78		Sept 78	Aug 77	Sept 78
All Manufacturing	4.1	3.5	4.6	3.4	2.8	2.6	0.4	0.4	1.7	4.0	4.1	3.6	2.5	2.7	2.1	0.5	0.4	0.6	0.4	0.6
Durable Goods	3.7	3.2	4.7	3.1	2.6	2.3	0.2	0.3	2.0	3.2	3.5	3.1	2.1	2.3	1.7	0.2	0.1	0.5	0.1	0.5
Primary Metal Industries	3.2	3.2	4.1	2.9	3.0	3.8	0.2	0.1	0.3	2.3	2.2	2.9	1.5	1.5	2.1	0.0	0.0	0.1	0.0	0.1
Fabricated Metal Industries	4.3	2.8	3.7	3.8	2.7	0.4	0.5	1.0	1.0	3.4	3.3	3.4	2.4	2.5	2.4	0.4	0.3	0.2	0.3	0.2
Machinery, exc. electrical	2.5	2.5	1.8	2.3	1.8	1.0	0.1	0.2	0.2	2.5	2.3	2.2	1.8	1.5	1.1	0.1	*	*	*	*
Electrical Machinery	3.8	3.4	3.4	3.2	2.7	2.4	0.2	0.4	0.8	2.9	3.6	3.2	2.2	1.9	2.3	0.1	0.1	0.4	0.1	0.4
Transportation Equipment **	2.5	2.8	15.6	2.3	2.5	1.7	0.1	0.1	13.1	3.1	2.5	1.8	2.1	1.4	0.4	0.1	0.1	0.7	0.1	0.7
Instruments & Related Products	4.6	3.5	3.5	3.4	2.8	2.7	0.4	0.2	0.4	3.8	4.2	3.5	1.7	3.3	1.7	0.4	0.1	0.7	0.1	0.7
Nondurable Goods	4.9	4.1	4.4	4.0	3.2	3.0	0.8	0.7	1.2	5.5	5.3	4.3	3.4	3.4	2.7	1.2	0.8	0.7	0.8	0.7
Food & Kindred Products	4.4	3.7	4.8	3.3	3.3	2.9	1.0	0.4	1.8	6.1	5.4	3.6	3.7	3.9	2.1	1.3	0.9	1.0	0.9	1.0
Textile Mill Products	5.8	6.4	6.4	5.4	6.2	5.5	0.2	0.2	0.8	3.6	6.8	5.7	2.0	5.2	4.2	0.8	0.9	0.5	0.9	0.5
Apparel & Other Fin. Tex. Prod.	4.7	4.9	6.3	4.5	3.8	2.9	0.1	0.9	3.3	5.4	5.6	3.9	2.9	2.0	2.1	0.8	0.8	0.7	0.8	0.7
Paper & Allied	4.3	4.5	4.2	3.8	3.9	2.7	0.3	0.5	1.3	4.1	5.3	4.5	3.3	3.2	3.0	0.3	1.2	0.7	1.2	0.7
Printing, Publishing & Allied Products	3.5	2.7	3.2	3.1	2.6	2.9	0.2	0.1	*	3.4	4.0	4.2	2.5	2.9	3.2	0.3	0.3	0.2	0.3	0.2
Chemicals & Allied Products	2.9	2.1	2.5	2.8	1.5	1.3	*	0.5	0.5	3.7	3.3	3.6	2.5	1.9	2.5	*	0.2	0.2	0.2	0.2
Rubber & Misc. Allied Prod.	4.2	3.2	3.1	4.0	3.2	3.0	0.2	*	0.0	7.8	8.4	2.8	6.2	6.9	1.6	0.2	0.3	0.3	0.3	0.3
Leather & Leather Products	10.4	9.8	5.9	4.6	4.0	3.2	5.7	4.9	2.5	13.0	6.3	7.1	4.9	4.0	3.0	7.7	1.6	3.2	1.6	3.2

* Less than 0.05

** High accession rates due to recalls after a strike that occurred in this industry in Fall 1977.
1/ Rate per 100 workers

III. Labor Force Trends

The size of the labor force has expanded through the first three quarters of 1978 to a September 1978 level of 1,359,700. This represents an increase of 1,900 individuals over January's figure and a jump of 18,500 or 1.4 percent from year ago levels. The labor force hit its peak in July 1978 with much of this increase due to the seasonal factors of recent school graduates and summer workers entering the labor market. Conversely, the labor force showed a decline in September when students dropped out of the labor force to reenter school and when seasonal summer jobs ended. Still, September's figure remains 1.4 percent above last year. Two demographic groups weighed heavily in this gain as indicated by the increase in the participation rates of both adult women and youth.

Table 6
Labor Force
Boston SMSA
1977 - 1978

	1977	1978	Percent Change 1977 - 1978
January	1,325,800	1,357,800	+2.4
February	1,322,000	1,346,800	+1.9
March	1,307,000	1,348,900	+3.2
April	1,323,700	1,343,700	+1.5
May	1,334,200	1,345,600	+0.9
June	1,354,400	1,408,700	+4.0
July	1,348,900	1,422,500	+5.5
August	1,361,800	1,403,900	+3.1
September	1,341,200	1,359,700	+1.4

Table 7
Unemployment Rates
Boston SMSA
January 1978 - September 1978

Month	Employed	Unemployed	Labor Force	Rate
January	1263.5	94.3	1357.8	6.9
February	1254.9	91.9	1346.8	6.8
March	1269.9	79.0	1348.9	5.9
April	1269.3	74.4	1343.7	5.5
May	1273.1	72.5	1345.6	5.4
June	1313.1	95.6	1408.7	6.8
July	1336.6	85.9	1422.5	6.0
August	1313.4	90.5	1403.9	6.4
September	1284.3	75.4	1359.7	5.5

Note: In Thousands.

IV. Unemployment Trends and Characteristics

The unemployment rate for the Boston SMSA for September 1978 stood at 5.5 percent, 1.4 percentage points lower than the January 1978 rate. This represents a drop of 18,900 or 20 percent in the number of unemployed individuals during that time period.

This decrease in the number of unemployed is reflected in unemployment insurance activities, especially for continued weeks claimed which has diminished by 12,944 or 33 percent since January 1978. Initial claims which respond more rapidly to seasonal factors and economic activity, are also down since January, however more significantly for September 1978 the number of initial claims under the regular program was 17 percent lower than year ago levels.

A review of benefit payments by industry for September 1978 reveals that the majority of payments were to individuals whose last industry attachment was within the nonmanufacturing sector. Wholesale and retail trade accounted for the largest number of all payments with 30.8 percent, followed by services with 21.2 percent. In the manufacturing sector the largest number of payments occurred in the nondurable goods industries, especially food and apparel. Within the durable goods industries, electrical machinery had the highest number of payments with 3.3 percent.

Tables through ²¹ contain information on selected characteristics of the insured unemployed for the Boston SMSA and for the CETA areas located within the SMSA. This information was obtained from a sample survey of the active file of claimants filing for a particular week of unemployment compensation benefits under state and federal laws and programs. The data contained in these tables is from surveys conducted during the period May-June 1978.

Table ¹² gives totals for all claims in the Boston SMSA. Of all persons receiving benefits under the regular program 17.7 percent were under 25 years of age and 37.9 percent were 45 or older. Females represented 35.9 percent of all claimants and 9.4 percent were nonwhite. Occupationally, the largest number of claimants were in the clerical and sales category (23.1 percent) followed by professional, technical and managerial (19.5 percent) and structural work (17.8 percent). Last industry attachment of the insured unemployed shows that the largest number were previously employed in the wholesale and retail trade industry (24.2 percent), with manufacturing having the second largest amount (23.1 percent). Persons unemployed 30 weeks or longer represented 3.0 percent of all claimants.

Table 8
Unemployment Rates*
United States vs Massachusetts vs
Boston SMSA
1978

Month	United States	Massachusetts	Boston SMSA
January	7.0	7.5	6.9
February	6.9	7.1	6.8
March	6.6	6.2	5.9
April	6.0	5.7	5.5
May	5.5	5.4	5.4
June	5.7	6.9	6.8
July	6.2	6.3	6.0
August	5.8	6.7	6.4
September	5.7	5.8	5.5

* Seasonally Unadjusted

Table 9
Benefit Payments by Industry
Regular Program
Boston SMSA
September 1978

	Total	Male	Female
Total	100.0	100.0	100.0
Manufacturing	23.2	21.8	27.6
Durable Goods	10.1	10.9	8.5
Lumber and Wood	0.4	0.5	0.2
Furniture	0.7	0.8	0.6
Stone, Clay, Glass	0.2	0.2	0.1
Primary Metals	0.3	0.4	0.1
Fabricated Metals	1.8	2.2	1.0
Machinery	1.3	1.6	0.9
Electrical Machinery	3.3	2.9	3.8
Transportation Equipment	0.6	0.9	0.1
Instruments	1.5	1.4	1.7
Nondurable Goods	13.1	11.0	19.0
Food	2.9	3.0	2.7
Textiles	0.5	0.4	0.6
Apparel	3.6	1.4	9.7
Paper	0.9	0.8	0.9
Printing	1.7	1.6	1.9
Chemicals	0.4	0.5	0.2
Petroleum	0.1	0.2	-
Rubber	1.0	1.0	0.8
Leather	1.4	1.5	1.6
Miscellaneous	0.6	0.6	0.6
Nonmanufacturing	76.8	78.2	72.4
Miscellaneous	0.3	0.4	0.2
Construction	9.3	14.0	1.9
Transp., Comm., and Utilities	5.7	6.3	4.6
Wholesale & Retail Trade	30.8	31.4	28.9
Fin., Ins., and Real Estate	5.4	4.0	7.3
Services	21.2	17.8	25.6
Unclassified	3.7	4.0	3.4
State Government	0.4	0.3	0.5

Table 10

BOSTON SMSA INITIAL CLAIMS REGULAR UI PROGRAM

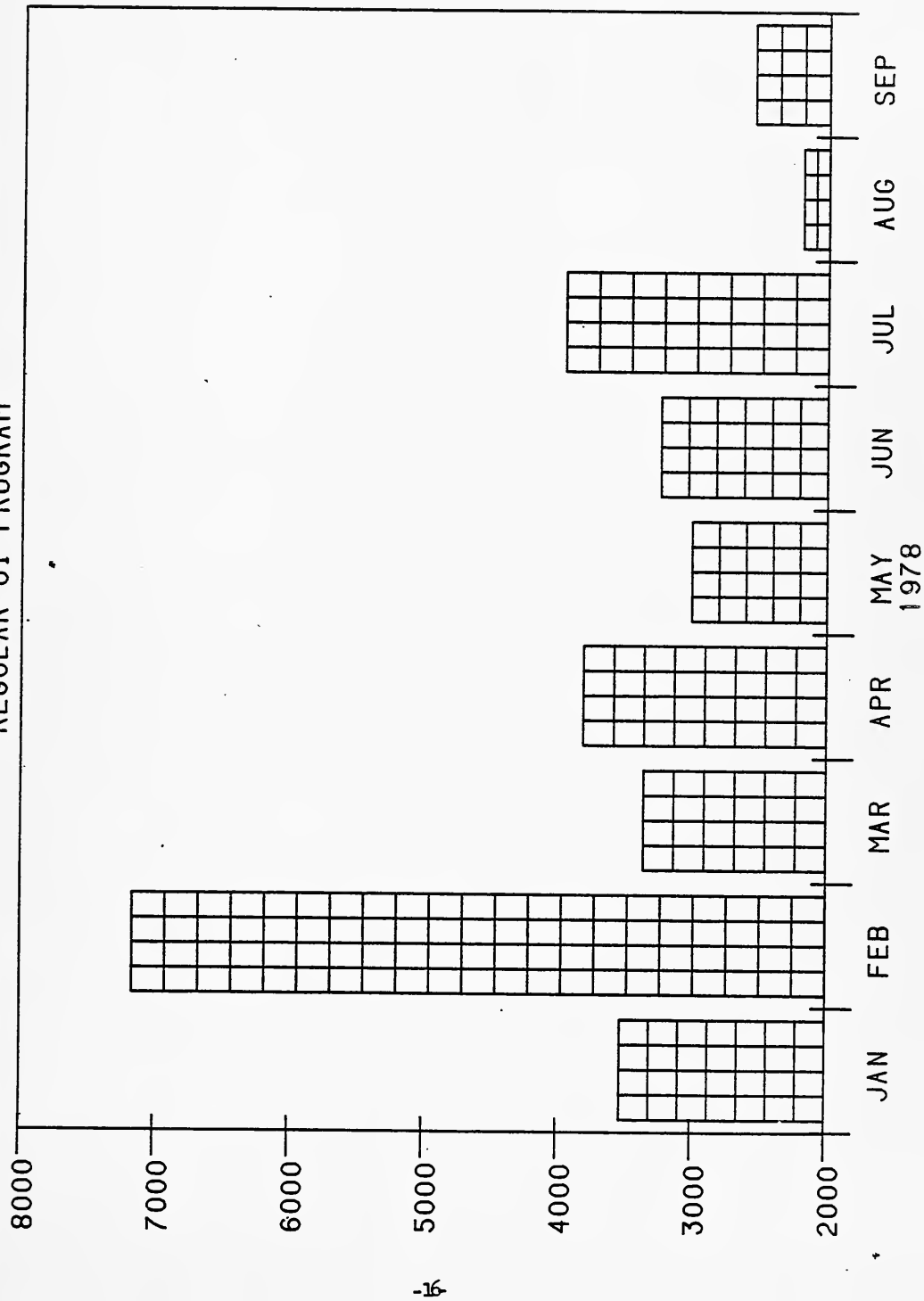


Table 11

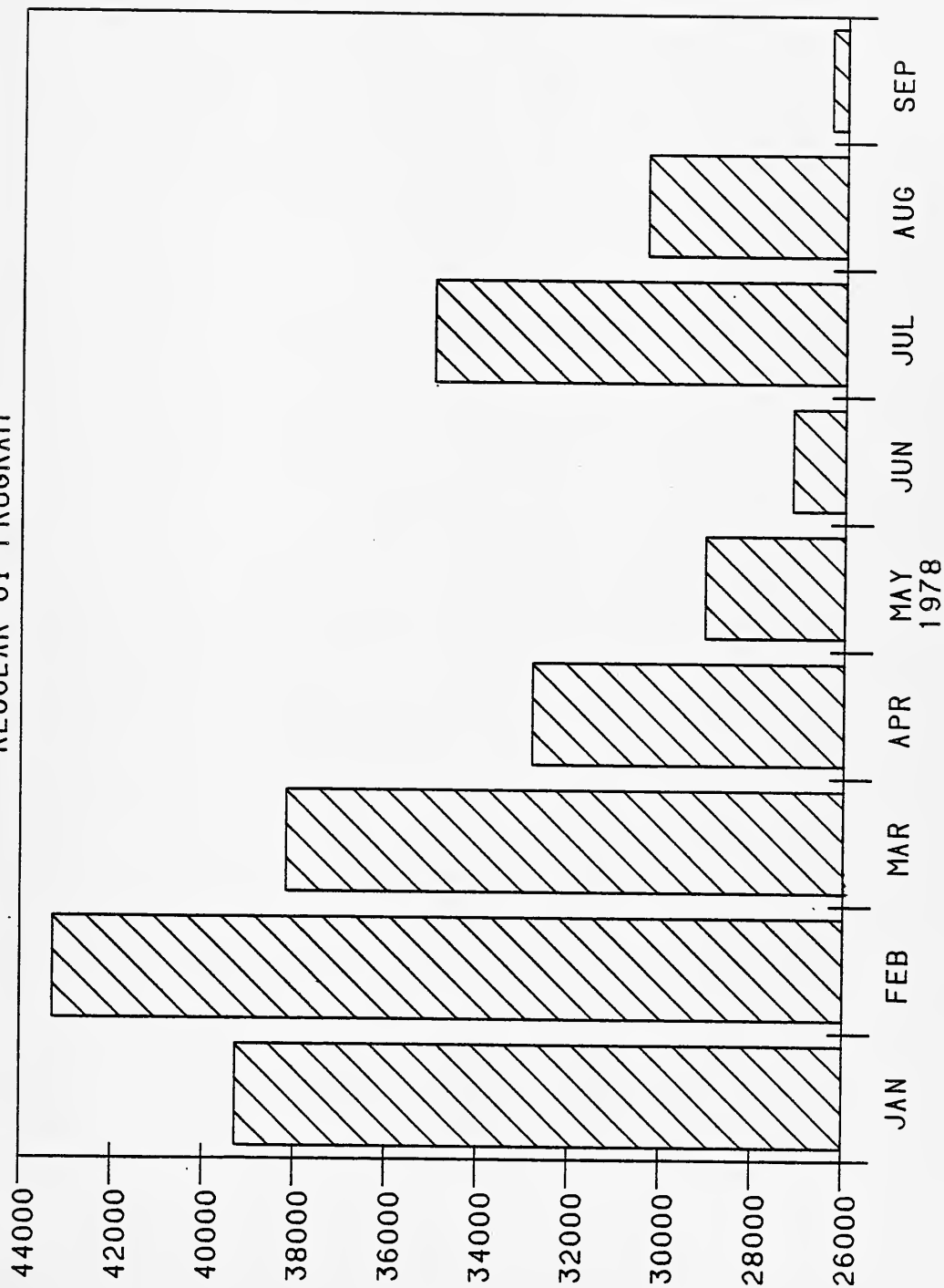
BOSTON SMSA CONTINUED CLAIMS
REGULAR UI PROGRAM

Table 12

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
BOSTON LABOR AREA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TRFX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	35316	100.0	32153	2089	-	1074
AGE						
UNDER 20	405	1.1	385	17	-	3
UNDER 25	5697	16.1	5315	246	-	137
25 - 34	10104	28.6	9249	497	-	357
35 - 44	5860	16.6	5405	277	-	178
45 - 54	4953	14.0	4527	268	-	158
55 - 64	4774	13.5	4242	414	-	118
65 & OVER	3746	10.6	3250	369	-	127
I.N.A.	184	.5	165	19	-	-
SEX						
MEN	22403	63.4	20592	1155	-	656
WOMEN	12905	36.5	11553	934	-	418
I.N.A.	8	-	8	-	-	-
ETHNIC GROUP						
WHITE	31717	89.8	28714	2017	-	986
NON-WHITE	3121	8.8	3023	23	-	75
I.N.A.	479	1.4	416	50	-	13
SPANISH SURNAME	706	2.0	696	2	-	7
OCCUPATION						
PROF., TECH., MGT	7017	19.9	6262	383	-	372
CLERICAL/SALES	8190	23.2	7427	532	-	230
SERVICES	3511	9.9	3205	173	-	133
FARM, FISH, FOR.	302	.9	266	23	-	13
PROCESSING	742	2.1	680	55	-	6
MACHINE TRADES	2313	6.5	2128	164	-	22
BENCH WORK	2355	6.7	2145	193	-	17
STRUCTURAL	6133	17.4	5734	279	-	120
MISC. WORK	4698	13.3	4271	270	-	157
I.N.A.	55	.2	33	18	-	4
RECENT DURATION						
0-9 WEEKS	14461	40.9	13965	275	-	221
10-19 WEEKS	11528	32.6	11190	179	-	159
20-29 WEEKS	6735	19.1	6002	365	-	369
30 + WEEKS	2543	7.2	954	1264	-	325

Table 12 (continued)

ALL PROGRAMS	NUMBER	PERCENT	REGULAR	TRIGGER.	FEDERAL	SPEC.
			PRO- GRAMS NUMBER	EXTEND. BENEFIT (TREX) NUMBER	SUPP. BENEFIT (FSB) NUMBER	UNEMP. ASSIST (SUA) NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	8117	23.0	7428	651	-	39
CON. CONSTRUCT	4350	12.3	4098	252	-	-
TRAN./UTIL.	1745	4.9	1644	91	-	10
WHOL/RET.TRADE	8329	23.6	7780	527	-	22
FIN/INS/R.E.	1513	4.3	1418	91	-	3
SERVICES	6346	18.0	5864	307	-	175
GOVERNMENTS	3956	11.2	3085	89	-	782
OTHERS	224	.6	177	35	-	12
T.N.A.	736	2.1	659	46	-	31
AVE. WEEKLY WAGE						
UNDER \$100	5488	15.5	4943	419	-	125
\$100 - \$149	7171	20.3	6596	382	-	194
\$150 - \$199	8042	22.8	7106	485	-	450
\$200 - \$249	5194	14.7	4767	312	-	114
\$250 - \$299	3412	9.7	3116	198	-	98
\$300 OR MORE	5439	15.4	5067	284	-	88
T.N.A.	571	1.6	558	10	-	4
SEPARATION REASON						
LAYOFF	28456	80.6	25872	1702	-	881
QUIT VOL. RET.	234	.7	205	17	-	12
QUIT PREGNANCY	127	.4	113	11	-	3
QUIT OTHER	1403	4.0	1274	60	-	69
DISCHARGES	3979	11.3	3641	256	-	83
LABOR DISPUTE	25	.1	22	3	-	-
OTHER/INA	1092	3.1	1027	40	-	25

Table 13

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
BOSTON CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TRFX) NUMBER	FEDERAL SUPP. BENEFIT (FSB) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
	NUMBER	PERCENT	NUMBER			
TOTAL	8138	100.0	7920	5	-	213
AGE						
UNDER 20	85	1.0	85	-	-	-
UNDER 25	1388	17.1	1356	-	-	32
25 - 34	2611	32.1	2541	-	-	70
35 - 44	1478	18.2	1423	-	-	56
45 - 54	1096	13.5	1082	-	-	14
55 - 64	838	10.3	812	-	-	26
65 & OVER	691	8.5	670	5	-	16
I.N.A.	37	.5	37	-	-	-
SEX						
MEN	5477	67.3	5342	-	-	135
WOMEN	2661	32.7	2577	5	-	78
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	5461	67.1	5307	5	-	149
NON-WHITE	2677	32.9	2613	-	-	65
I.N.A.	-	-	-	-	-	-
SPANISH SURNAME	476	5.8	468	-	-	7
OCCUPATION						
PROF., TECH., MGT	1343	16.5	1264	-	-	79
CLERICAL/SALES	1570	19.3	1520	5	-	45
SERVICES	1133	13.9	1108	-	-	25
FARM, FISH, FOR.	72	.9	72	-	-	-
PROCESSING	156	1.9	156	-	-	-
MACHINE TRADES	485	6.0	477	-	-	7
BENCH WORK	730	9.0	722	-	-	7
STRUCTURAL	1365	16.8	1355	-	-	10
MISC. WORK	1286	15.8	1246	-	-	40
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	3326	40.9	3298	5	-	23
10-19 WEEKS	2985	36.7	2940	-	-	44
20-29 WEEKS	1538	18.9	1467	-	-	71
30 + WEEKS	290	3.6	215	-	-	75

Table 13 (continued)

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST. (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	1817	22.3	1796	5	-	15
CON. CONSTRUCT	901	11.1	901	-	-	-
TRAN./UTIL.	505	6.2	505	-	-	-
WHOL/RET.TRADE	1939	23.8	1939	-	-	-
FIN/INS/R.E.	433	5.3	433	-	-	-
SERVICES	1647	20.2	1604	-	-	43
GOVERNMENTS	791	9.7	640	-	-	151
OTHERS	53	.7	49	-	-	4
I.N.A.	53	.7	53	-	-	-
AVERAGE WEEKLY WAGE						
UNDER \$100	1333	16.4	1292	5	-	35
\$100 - \$149	1935	23.8	1885	-	-	50
\$150 - \$199	1952	24.0	1895	-	-	57
\$200 - \$249	1195	14.7	1175	-	-	20
\$250 - \$299	820	10.1	800	-	-	20
\$300 OR MORE	904	11.1	873	-	-	31
I.N.A.	-	-	-	-	-	-
SEPARATION REASON						
LAYOFF	6456	79.3	6274	5	-	176
QUIT VOL. RET.	12	.1	12	-	-	-
QUIT PREGNANCY	28	.3	28	-	-	-
QUIT OTHER	274	3.4	262	-	-	12
DISCHARGES	1068	13.1	1044	-	-	24
LABOR DISPUTE	4	-	4	-	-	-
OTHER/INA	297	3.6	297	-	-	-

Table 14
SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
CAMBRIDGE CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSR) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
	NUMBER	PERCENT	NUMBER			
TOTAL	4751	100.0	4600	-	-	151
AGE						
UNDER 20	44	.9	44	-	-	-
UNDER 25	631	13.3	601	-	-	30
25 - 34	1642	34.6	1571	-	-	72
35 - 44	707	14.9	691	-	-	16
45 - 54	522	11.0	500	-	-	22
55 - 64	645	13.6	640	-	-	5
65 & OVER	577	12.1	570	-	-	6
I.N.A.	27	.6	27	-	-	-
SEX						
MEN	2749	57.9	2673	-	-	76
WOMEN	2002	42.1	1927	-	-	75
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	4633	97.5	4488	-	-	145
NON-WHITE	108	2.3	101	-	-	6
I.N.A.	11	.2	11	-	-	-
SPANISH SURNAME	146	3.1	146	-	-	-
OCCUPATION						
PROF., TECH., MGT	1135	23.9	1065	-	-	70
CLERICAL/SALES	950	20.0	921	-	-	29
SERVICES	434	9.1	425	-	-	10
FARM, FISH, FOR.	22	.5	19	-	-	3
PROCESSING	97	2.0	91	-	-	6
MACHINE TRADES	364	7.7	364	-	-	-
RENTAL WORK	400	8.4	400	-	-	-
STRUCTURAL	725	15.3	707	-	-	18
MISC. WORK	624	13.1	608	-	-	16
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	1998	42.1	1966	-	-	32
10-19 WEEKS	1683	35.4	1658	-	-	25
20-29 WEEKS	904	19.0	845	-	-	59
30 + WEEKS	167	3.5	131	-	-	35

Table 14 (continued)

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	1326	27.9	1326	-	-	-
CON. CONSTRUCT	478	10.1	478	-	-	-
TRAN./UTIL.	206	4.3	201	-	-	5
WHOL/RET.TRADE	987	20.8	987	-	-	-
FIN/INS/R.E.	137	2.9	137	-	-	-
SERVICES	1136	23.9	1108	-	-	29
GOVERNMENTS	413	8.7	302	-	-	112
OTHERS	25	.5	25	-	-	-
I.N.A.	43	.9	37	-	-	6
AVERAGE WEEKLY WAGE						
UNDER \$100	839	17.7	832	-	-	6
\$100 - \$149	1094	23.0	1056	-	-	38
\$150 - \$199	923	19.4	868	-	-	54
\$200 - \$249	759	16.0	737	-	-	22
\$250 - \$299	472	9.9	455	-	-	18
\$300 OR MORE	664	14.0	652	-	-	13
I.N.A.	-	-	-	-	-	-
SEPARATION REASON						
LAYOFF	3763	79.2	3624	-	-	139
QUIT VOL. RET.	32	.7	32	-	-	-
QUIT PREGNANCY	10	.2	10	-	-	-
QUIT OTHER	178	3.7	178	-	-	-
DISCHARGES	577	12.1	570	-	-	6
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	192	4.0	186	-	-	6

Table 15

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
CHELSEA CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. RENEFIT (TREX)	FEDERAL SUPP. RENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	1168	100.0	1125	-	-	44
AGE						
UNDER 20	18	1.5	18	-	-	-
UNDER 25	196	16.8	188	-	-	8
25 - 34	284	24.3	279	-	-	4
35 - 44	196	16.8	196	-	-	-
45 - 54	157	13.4	139	-	-	18
55 - 64	206	17.6	201	-	-	4
65 & OVER	121	10.4	112	-	-	9
I.N.A.	9	.8	9	-	-	-
SEX						
MEN	819	70.1	789	-	-	30
WOMEN	349	29.9	336	-	-	13
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	1142	97.8	1098	-	-	44
NON-WHITE	27	2.3	27	-	-	-
I.N.A.	-	-	-	-	-	-
SPANISH SURNAME	22	1.9	22	-	-	-
OCCUPATION						
PROF., TECH., MGT	143	12.2	130	-	-	13
CLERICAL/SALES	264	22.6	264	-	-	-
SERVICES	134	11.5	125	-	-	9
FARM, FISH, FOR.	13	1.1	9	-	-	4
PROCESSING	27	2.3	27	-	-	-
MACHINE TRADES	61	5.2	61	-	-	-
BENCH WORK	84	7.2	84	-	-	-
STRUCTURAL	271	23.2	268	-	-	4
MISC. WORK	170	14.6	156	-	-	13
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	527	45.1	523	-	-	4
10-19 WEEKS	437	37.4	432	-	-	4
20-29 WEEKS	161	13.8	138	-	-	22
30 + WEEKS	44	3.8	31	-	-	13

Table 15 (continued)

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TRFY)	FEDERAL SUPP. BENEFIT (FSR)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	245	21.0	245	-	-	-
CON. CONSTRUCT	139	11.9	139	-	-	-
TRAN./UTIL.	85	7.3	85	-	-	-
WHOL/RET.TRADE	303	25.9	303	-	-	-
FIN/INS/R.E.	40	3.4	40	-	-	-
SERVICES	134	11.5	125	-	-	9
GOVERNMENTS	218	18.7	188	-	-	30
OTHERS	4	.3	-	-	-	4
I.N.A.	-	-	-	-	-	-
AVE. WEEKLY WAGE						
UNDER \$100	161	13.8	161	-	-	-
\$100 - \$149	259	22.2	242	-	-	17
\$150 - \$199	361	30.9	344	-	-	18
\$200 - \$249	108	9.2	108	-	-	-
\$250 - \$299	125	10.7	121	-	-	4
\$300 OR MORE	155	13.3	150	-	-	4
I.N.A.	-	-	-	-	-	-
SEPARATION REASON						
LAYOFF	972	83.2	941	-	-	30
QUIT VOL. RET.	4	.3	4	-	-	-
QUIT PREGNANCY	9	.8	9	-	-	-
QUIT OTHER	45	3.9	36	-	-	9
DISCHARGES	98	8.4	94	-	-	4
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	40	3.4	40	-	-	-

Table 16

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
LYNN CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TRFX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	1111	100.0	1087	13	-	11
AGE						
UNDER 20	23	2.1	23	-	-	-
UNDER 25	238	21.4	231	7	-	-
25 - 34	304	27.4	302	2	-	-
35 - 44	139	12.5	139	-	-	-
45 - 54	167	15.0	163	-	-	4
55 - 64	110	9.9	106	-	-	4
65 & OVER	150	13.5	142	4	-	4
I.N.A.	4	.4	4	-	-	-
SEX						
MEN	755	68.0	742	6	-	8
WOMEN	356	32.0	345	7	-	4
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	1027	92.4	1009	11	-	8
NON-WHITE	64	5.8	61	-	-	4
I.N.A.	19	1.7	17	2	-	-
SPANISH SURNAME	11	1.0	11	-	-	-
OCCUPATION						
PROF., TECH., MGT	91	8.2	91	-	-	-
CLERICAL/SALES	300	27.0	289	7	-	4
SERVICES	136	12.2	133	-	-	4
FARM, FISH, FOR.	-	-	-	-	-	-
PROCESSING	42	3.8	42	-	-	-
MACHINE TRADES	95	8.6	89	6	-	-
BENCH WORK	64	5.8	64	-	-	-
STRUCTURAL	231	20.8	231	-	-	-
MISC. WORK	151	13.6	147	-	-	4
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	512	46.1	508	-	-	4
10-19 WEEKS	334	30.1	329	6	-	-
20-29 WEEKS	208	18.7	205	-	-	4
30 + WEEKS	57	5.1	45	8	-	4

Table 16 (continued)

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	250	22.5	243	7	-	-
CON. CONSTRUCT	102	9.2	102	-	-	-
TRAN./UTIL.	49	4.4	49	-	-	-
WHOL/RET.TRADE	276	24.8	273	4	-	-
FIN/INS/R.E.	31	2.8	31	-	-	-
SERVICES	193	17.4	186	-	-	8
GOVERNMENTS	161	14.5	158	-	-	4
OTHERS	-	-	-	-	-	-
I.N.A.	48	4.3	45	2	-	-
AVE. WEEKLY WAGE						
UNDER \$100	182	16.4	178	4	-	-
\$100 - \$149	195	17.6	188	3	-	4
\$150 - \$199	287	25.8	279	-	-	8
\$200 - \$249	159	14.3	159	-	-	-
\$250 - \$299	70	6.3	64	6	-	-
\$300 OR MORE	131	11.8	131	-	-	-
I.N.A.	87	7.8	87	-	-	-
SEPARATION REASON						
LAYOFF	956	86.0	935	9	-	11
QUIT VOL. RET.	15	1.4	15	-	-	-
QUIT PREGNANCY	-	-	-	-	-	-
QUIT OTHER	11	1.0	11	-	-	-
DISCHARGES	80	7.2	76	4	-	-
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	49	4.4	49	-	-	-

Table 17

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
MEDFORD CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	4571	100.0	3392	1025	-	153
AGE						
UNDER 20	55	1.2	49	3	-	3
UNDER 25	689	15.1	571	108	-	10
25 - 34	1201	26.3	884	267	-	50
35 - 44	631	13.8	480	132	-	20
45 - 54	699	15.3	548	129	-	22
55 - 64	865	18.9	613	226	-	27
65 & OVER	466	10.2	282	160	-	24
I.N.A.	19	.4	15	3	-	-
SEX						
MEN	2797	61.2	2096	611	-	90
WOMEN	1774	38.8	1296	414	-	63
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	4380	95.8	3233	998	-	150
NON-WHITE	79	1.7	66	14	-	-
I.N.A.	111	2.4	94	14	-	3
HISPANIC SURNAME	11	.2	11	-	-	-
OCCUPATION						
PROF., TECH., MGT	789	17.3	613	151	-	26
CLERICAL/SALES	1107	24.2	794	275	-	38
SERVICES	462	10.1	353	73	-	35
FARM, FISH, FOR.	39	.9	23	16	-	-
PROCESSING	151	3.3	116	35	-	-
MACHINE TRADES	351	7.7	255	97	-	-
BENCH WORK	299	6.5	188	112	-	-
STRUCTURAL	713	15.6	549	141	-	22
MISC. WORK	659	14.4	502	125	-	33
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	1578	34.5	1478	87	-	13
10-19 WEEKS	1123	24.6	1052	71	-	-
20-29 WEEKS	894	19.6	688	151	-	55
30 + WEEKS	942	20.6	143	713	-	86

Table 17 (continued)

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TRFX)	FEDERAL SUPP. BENEFIT (FSR)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	1165	25.5	795	360	-	10
CON. CONSTRUCT	544	11.9	433	111	-	-
TRAN./UTIL.	223	4.9	185	35	-	3
WHOL/RET.TRADE	1077	23.6	831	239	-	7
FIN/INS/R.E.	209	4.6	154	52	-	3
SERVICES	739	16.2	562	155	-	22
GOVERNMENTS	502	11.0	354	45	-	103
OTHERS	44	1.0	24	16	-	3
I.N.A.	67	1.5	55	12	-	-
Avg. WEEKLY WAGE						
UNDER \$100	724	15.8	541	152	-	31
\$100 - \$149	783	17.1	595	181	-	7
\$150 - \$199	1051	23.0	699	273	-	79
\$200 - \$249	690	15.1	511	166	-	13
\$250 - \$299	454	9.9	353	91	-	10
\$300 OR MORE	787	17.2	616	158	-	14
I.N.A.	82	1.8	78	3	-	-
SEPARATION REASON						
LAYOFF	3762	82.3	2822	816	-	125
QUIT VOL. RET.	30	.7	13	10	-	7
QUIT PREGNANCY	23	.5	13	7	-	3
QUIT OTHER	218	4.8	170	34	-	14
DISCHARGES	516	11.3	368	144	-	3
LABOR DISPUTE	8	.2	5	3	-	-
OTHER/INA	13	.3	3	10	-	-

Table 18

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
NEWTON CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER, EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. INEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	2819	100.0	2714	3	-	102
AGE						
UNDER 20	18	.6	18	-	-	-
UNDER 25	344	12.2	344	-	-	-
25 - 34	787	27.9	766	3	-	18
35 - 44	417	14.8	400	-	-	17
45 - 54	484	17.2	460	-	-	23
55 - 64	410	14.5	390	-	-	19
65 & OVER	359	12.7	335	-	-	24
I.N.A.	19	.7	19	-	-	-
SEX						
MEN	1676	59.5	1625	3	-	48
WOMEN	1143	40.5	1089	-	-	54
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	2714	96.3	2610	3	-	102
NON-WHITE	96	3.4	96	-	-	-
I.N.A.	8	.3	8	-	-	-
SPANISH SURNAME	4	.1	4	-	-	-
OCCUPATION						
PROF., TECH., MGT	911	32.3	860	-	-	52
CLERICAL/SALES	759	26.9	727	-	-	32
SERVICES	155	5.5	142	-	-	13
FARM, FISH, FOR.	37	1.3	37	-	-	-
PROCESSING	45	1.6	45	-	-	-
MACHINE TRADES	172	6.1	172	-	-	-
BENCH WORK	191	6.8	191	-	-	-
STRUCTURAL	389	13.8	385	-	-	5
MISC. WORK	158	5.6	155	3	-	-
I.N.A.	-	-	-	-	-	-
PERCENT DURATION						
0-9 WEEKS	1300	46.1	1286	-	-	13
10-19 WEEKS	921	32.7	907	-	-	14
20-29 WEEKS	490	17.4	448	-	-	41
30 + WEEKS	108	3.8	73	3	-	33

Table 18 (continued)

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	592	21.0	592	-	-	-
CON. CONSTRUCT	406	14.4	406	-	-	-
TRAN./UTIL.	114	4.0	114	-	-	-
WHOL/RET.TRADE	644	22.8	637	3	-	4
FIN/INS/R.E.	162	5.7	162	-	-	-
SERVICES	594	21.1	572	-	-	23
GOVERNMENTS	252	8.9	177	-	-	75
OTHERS	35	1.2	35	-	-	-
I.N.A.	19	.7	19	-	-	-
AVE. WEEKLY WAGE						
UNDER \$100	347	12.3	334	-	-	13
\$100 - \$149	517	18.3	508	-	-	10
\$150 - \$199	627	22.2	595	-	-	32
\$200 - \$249	434	15.4	411	-	-	23
\$250 - \$299	277	9.8	263	-	-	14
\$300 OR MORE	595	21.1	583	3	-	10
I.N.A.	20	.7	20	-	-	-
SEPARATION REASON						
LAYOFF	2190	77.7	2119	3	-	69
QUIT VOL. RET.	38	1.3	38	-	-	-
QUIT PREGNANCY	17	.6	17	-	-	-
QUIT OTHER	148	5.3	133	-	-	14
DISCHARGES	323	11.5	314	-	-	9
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	103	3.7	93	-	-	10

Table 19
SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
NORWOOD CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSH)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	2142	100.0	1948	131	-	64
AGE						
UNDER 20	21	1.0	18	4	-	-
UNDER 25	350	16.3	333	10	-	7
25 - 34	527	24.6	492	21	-	14
35 - 44	410	19.1	368	24	-	18
45 - 54	320	14.9	282	24	-	15
55 - 64	276	12.9	262	14	-	-
65 & OVER	242	11.3	196	35	-	11
I.N.A.	17	.8	14	3	-	-
SEX						
MEN	1358	63.4	1244	72	-	43
WOMEN	784	36.6	704	59	-	21
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	2122	99.1	1934	124	-	64
NON-WHITE	3	.1	3	-	-	-
I.N.A.	17	.8	10	7	-	-
SPANISH SURNAME	8	.4	8	-	-	-
OCCUPATION						
PROF., TECH., MGT	410	19.1	347	34	-	29
CLERICAL/SALES	590	27.5	549	31	-	11
SERVICES	168	7.8	147	14	-	7
FARM, FISH, FOR.	14	.7	14	-	-	-
PROCESSING	21	1.0	21	-	-	-
MACHINE TRADES	159	7.4	146	10	-	4
BENCH WORK	108	5.0	101	7	-	-
STRUCTURAL	412	19.2	388	17	-	7
MISC. WORK	259	12.1	235	17	-	7
I.N.A.	-	-	-	-	-	-
RECENT DURATION						
0-9 WEEKS	828	38.7	797	20	-	11
10-19 WEEKS	746	34.8	721	10	-	14
20-29 WEEKS	450	21.0	384	38	-	28
30 + WEEKS	115	5.4	42	62	-	11

Table 19 (continued)

	ALL PROGRAMS		REGULAR PRG- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	553	25.8	505	49	-	-
CON. CONSTRUCT	332	15.5	312	20	-	-
TRAN./UTIL.	72	3.4	69	3	-	-
WHOL/RET.TRADE	444	20.7	427	17	-	-
FIN/INS/R.E.	78	3.6	75	4	-	-
SERVICES	334	15.6	309	21	-	4
GOVERNMENTS	174	8.1	120	3	-	50
OTHERS	7	.3	4	3	-	-
I.N.A.	148	6.9	127	10	-	11
AVERAGE WEEKLY WAGE						
UNDER \$100	289	13.5	261	24	-	4
\$100 - \$149	375	17.5	347	21	-	7
\$150 - \$199	405	18.9	363	24	-	18
\$200 - \$249	386	18.0	341	31	-	15
\$250 - \$299	251	11.7	219	21	-	11
\$300 OR MORE	392	18.3	372	10	-	11
I.N.A.	45	2.1	45	-	-	-
SEPARATION REASON						
LAYOFF	1813	84.6	1660	100	-	53
QUIT VOL. RFT.	10	.5	10	-	-	-
QUIT PREGNANCY	4	.2	4	-	-	-
QUIT OTHER	49	2.3	49	-	-	-
DISCHARGES	200	9.3	158	31	-	11
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	67	3.1	67	-	-	-

Table 20

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
QUINCY CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSR) NUMBER	SPEC. UNEMP. ASSIST (SUA) NUMBER
	NUMBER	PERCENT	NUMBER			
TOTAL	3986	100.0	3743	19	-	225
AGE						
UNDER 20	57	1.4	57	-	-	-
UNDER 25	700	17.6	660	3	-	37
25 - 34	1121	28.1	1025	4	-	92
35 - 44	666	16.7	639	-	-	27
45 - 54	572	14.4	541	4	-	27
55 - 64	484	12.1	455	8	-	22
65 & OVER	428	10.7	408	-	-	20
I.N.A.	15	.4	15	-	-	-
SEX						
MEN	2743	68.8	2571	12	-	160
WOMEN	1239	31.1	1168	7	-	65
I.N.A.	4	.1	4	-	-	-
ETHNIC GROUP						
WHITE	3937	98.8	3699	19	-	219
NON-WHITE	5	.1	5	-	-	-
I.N.A.	44	1.1	38	-	-	5
SPANISH SURNAME	-	-	-	-	-	-
OCCUPATION						
PROF., TECH., MGT	930	23.3	852	8	-	70
CLERICAL/SALES	935	23.5	893	4	-	38
SERVICES	336	8.4	310	-	-	26
FARM, FISH, FOR.	27	.7	22	-	-	5
PROCESSING	70	1.8	70	-	-	-
MACHINE TRADES	164	4.1	153	-	-	11
BENCH WORK	136	3.4	128	3	-	5
STRUCTURAL	901	22.6	860	4	-	38
MISC. WORK	479	12.0	448	-	-	31
I.N.A.	8	.2	8	-	-	-
RECENT DURATION						
0-9 WEEKS	1749	43.9	1647	-	-	103
10-19 WEEKS	1374	34.5	1325	7	-	42
20-29 WEEKS	710	17.8	651	-	-	60
30 + WEEKS	153	3.8	120	12	-	20

Table 20 (continued)

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX)	FEDERAL SUPP. BENEFIT (FSB)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	638	16.0	633	-	-	5
CON. CONSTRUCT	597	15.0	589	8	-	-
TRAN./UTIL.	185	4.6	185	-	-	-
WHOL/RET.TRADE	959	24.1	944	4	-	11
FIN/INS/R.E.	188	4.7	188	-	-	-
SERVICES	635	15.9	620	4	-	11
GOVERNMENTS	728	18.3	536	-	-	192
OTHERS	5	.1	5	-	-	-
I.N.A.	50	1.3	42	3	-	5
AVE. WEEKLY WAGE						
UNDER \$100	526	13.2	510	-	-	16
\$100 - \$149	763	19.1	720	7	-	37
\$150 - \$199	1058	26.5	908	4	-	146
\$200 - \$249	575	14.4	565	-	-	10
\$250 - \$299	341	8.6	330	-	-	11
\$300 OR MORE	699	17.5	685	8	-	5
I.N.A.	25	.6	25	-	-	-
SEPARATION REASON						
LAYOFF	3070	77.0	2863	19	-	188
QUIT VOL. RET.	27	.7	22	-	-	5
QUIT PREGNANCY	24	.6	24	-	-	-
QUIT OTHER	258	6.5	247	-	-	11
DISCHARGES	448	11.2	433	-	-	15
LABOR DISPUTE	10	.3	10	-	-	-
OTHER/INA	150	3.8	145	-	-	5

Table 21

SELECTED CHARACTERISTICS OF INSURED UNEMPLOYED
SALEM CETA

MAY-JUNE 1978

	ALL PROGRAMS		REGULAR PRO- GRAMS	TRIGGER. EXTEND. BENEFIT (TREX) NUMBER	FEDERAL SUPP. BENEFIT (FSH) NUMBER	SPEC. UNEMP. ASSIST. (SUA) NUMBER
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
TOTAL	3553	100.0	2909	617	-	26
AGE						
UNDER 20	50	1.4	42	7	-	-
UNDER 25	633	17.8	555	78	-	-
25 - 34	884	24.9	733	147	-	4
35 - 44	482	13.6	406	69	-	6
45 - 54	564	15.9	470	84	-	10
55 - 64	526	14.8	422	100	-	4
65 & OVER	451	12.7	312	137	-	2
I.N.A.	13	.4	11	2	-	-
SEX						
MEN	2200	61.9	1873	311	-	16
WOMEN	1352	38.1	1036	306	-	10
I.N.A.	-	-	-	-	-	-
ETHNIC GROUP						
WHITE	3401	95.7	2768	606	-	26
NON-WHITE	16	.5	14	2	-	-
I.N.A.	136	3.8	126	9	-	-
SPANISH SURNAME	11	.3	9	2	-	-
OCCUPATION						
PROF., TECH., MGT	510	14.4	406	94	-	10
CLERICAL/SALES	808	22.7	673	128	-	6
SERVICES	336	9.5	232	105	-	-
FARM, FISH, FOR.	311	8.8	268	43	-	-
PROCESSING	120	3.4	93	28	-	-
MACHINE TRADES	224	6.3	190	34	-	-
BENCH WORK	178	5.0	130	49	-	-
STRUCTURAL	524	14.7	471	44	-	10
MISC. WORK	534	15.0	444	90	-	-
I.N.A.	7	.2	5	2	-	-
RECENT DURATION						
0-9 WEEKS	1627	45.8	1459	162	-	6
10-19 WEEKS	976	27.5	884	88	-	4
20-29 WEEKS	643	18.1	497	135	-	10
30 + WEEKS	308	8.7	69	232	-	6

Table 21 (continued)

Table 21 (continued)						
	ALL PROGRAMS		REGULAR PRO- GRAMS	EXTEND. BENEFIT (TRFX)	FEDERAL SUPP. BENEFIT (FSR)	SPEC. UNEMP. ASSIST (SUA)
	NUMBER	PERCENT	NUMBER	NUMBER	NUMBER	NUMBER
INDUSTRY ATTACH.						
MANUFACTURING	760	21.4	607	150	-	4
CON. CONSTRUCT	358	10.1	313	45	-	-
TRAN./UTIL.	131	3.7	102	27	-	2
WHOL/RET.TRADE	890	25.0	686	204	-	-
FIN/INS/R.E.	107	3.0	89	18	-	-
SERVICES	487	13.7	391	79	-	17
GOVERNMENTS	421	11.8	386	31	-	4
OTHERS	311	8.8	262	49	-	-
I.N.A.	87	2.4	72	15	-	-
AVE. WEEKLY WAGE						
UNDER \$100	738	20.8	522	205	-	10
\$100 - \$149	698	19.6	565	131	-	2
\$150 - \$199	733	20.6	629	100	-	4
\$200 - \$249	402	11.3	328	72	-	2
\$250 - \$299	263	7.4	215	44	-	4
\$300 OR MORE	600	16.9	541	60	-	-
I.N.A.	118	3.3	109	5	-	4
SEPARATION REASON						
LAYOFF	3129	88.1	2563	542	-	23
QUIT VOL. RET.	45	1.3	38	6	-	-
QUIT PREGNANCY	3	.1	3	-	-	-
QUIT OTHER	61	1.7	49	12	-	-
DISCHARGES	191	5.4	171	20	-	-
LABOR DISPUTE	-	-	-	-	-	-
OTHER/INA	124	3.5	84	36	-	4

V. Labor Supply and Demand

A. Employment Service Placement Rates: Placement rates measure the percent of total openings in an occupational category received by the Employment Service that have been filled by the Employment Service. Observing placement rates can be useful in determining whether demand is being met through the Employment Service exchange mechanism. Table 22 compares placement rates by occupational category for September 1977 and September 1978. Both in 1977 and 1978 domestic service had the highest placement rate and was ranked first in terms of openings filled as compared to openings received. However, it should be noted that this occupational category only accounted for about 2 percent of all openings received, and approximately 3 percent of all openings filled. The professional, technical and managerial occupations which had placement rates that ranked second in 1977 and third in 1978, accounted for the largest percent of all openings received in both September 1977 and September 1978 with 30 percent and 25 percent respectively. Thus not only is this occupational category one in which the Employment Service is fairly successful in meeting demand it is also one in which the demand for Employment Service assistance is quite high.

The clerical occupations ranked second in terms of openings received and openings filled both in September 1977 and 1978. However, in both these years it had fairly low placement rates, 50 percent in September 1977 and 51 percent in September 1978. This difference in ranking would seem to indicate that this particular occupational category is one in which demand exceeds supply, especially for job openings which require stenography, typing, and high levels of proficiency.

Table 22
Placement Rates
September 1976 and September 1977
Boston SMSA

Occupation	Placement Rates*				Openings Received				Openings Filled			
	1976		1977		1976		1977		1976		1977	
	Percent	Rank	Percent	Rank	Percent	Rank	Percent	Rank	Percent	Rank	Percent	Rank
TOTAL OCCUPATIONAL CATEGORIES	63**		66**		100.0		100.		100.0		100.	
0 - 1 Professional, Technical and Managerial	75	3	80	2	25.0	1	30	1	30.2	1	37	1
20 - 24 Clerical	51	8	50	12	20.3	2	18	2	16.4	2	14	2
25 - 29 Sales	57	7	62	7	4.2	7	4	8	3.9	6	3	6
30 Domestic	79	1	83	1	2.2	10	2	11	2.7	8	3	8
31 - 39 Other Services	64	5	65	4	15.7	3	16	3	16.1	3	16	3
4 Farming, Fishing, and Forestry	66	4	52	9	2.6	9	3	9	2.7	9	2	11
5 Processing	45	9	65	5	0.7	11	1	12	0.5	11	1	12
6 Machine Trades	44	10	51	10	3.7	8	4	7	2.6	10	3	9
7 Bench Work	41	12	51	11	4.4	6	4	6	2.9	8	3	7
8 Structural	61	6	56	8	7.1	5	5	8	6.9	5	7	5
90 - 91 Motor Freight, Transp.	48	8	64	6	4.2	7	3	10	3.2	7	2	10
92 Packaging Material Handling	77	2	77	3	9.3	4	7	5	11.4	4	8	4
93 - 97 Other	43	11	39	13	0.6	12	1	13	0.4	12	1	13

* Openings Filled ÷ Openings Received

Note: Totals May Vary Due to Rounding
Source: Table B07 ESARS

** All Openings Filled ÷ All Openings Received

B. Workers in Surplus Supply

The Employment Services Automated Reporting System (ESARS) for the period October 1, 1977 through September 31, 1978 reported 163,300 registered applicants, a decrease of 7.8 percent from September 1977. This decline in active applicants occurred in nearly all demographic categories except for welfare, minority, and spanish groups. It is interesting to note that although the total number of applicants decreased, the number of applicants placed increased by 21 percent since last year.

There were 36,399 applicants placed in jobs as of September 31, 1978. Actually there was little change in the composition of applicants placed since September 1977 with two exceptions. Blacks represented 13 percent of all applicants placed, up from last year's ten percent and Vietnam Veterans decreased from 10.3 to 3.4 percent of all applicants placed. Applicants under twenty years of age remained the largest single age group placed. Sixty percent of all individuals placed were male, and 37 percent of all applicants placed had less than a high school education.

As of October 1, 1978 the amount of information is limited concerning the skills and occupational characteristics of the work force. The Selected Characteristics of the Insured Unemployed and selected portions of ESARS tables are available for analysis. Resuming in December of this year, Table 96 of ESARS will again be published. It will be available upon request.

Table 23
 Characteristics of Applicants Placed in Jobs
 By
 Selected Groups

Characteristics of Applicants	September 1978 All Applicants Placed		September 1977 All Applicants Placed	
	Number	Percent	Number	Percent
Age - All Ages	36,399	100.0	30,089	100.0
Under 20 years	11,481	31.5	7,974	26.5
20 - 21	4,059	11.2	3,962	13.2
22 - 24	4,976	13.7	4,433	14.7
25 - 29	5,545	15.2	4,685	15.6
30 - 39	4,831	13.3	4,106	13.6
40 - 44	1,396	3.8	1,282	4.3
45 - 54	2,511	6.9	2,274	7.6
55 - 64	1,338	3.7	1,154	3.8
65 and over	262	0.7	219	0.7
Sex	36,399	100.0	30,089	100.0
Men	21,993	60.4	18,459	61.3
Women	14,406	39.6	11,630	38.7
Highest Grade of School Completed	36,399	100.0	30,089	100.0
0 - 7 years	691	1.9	702	2.3
8 - 11	12,702	34.9	9,114	30.3
12	13,101	36.0	11,626	38.7
Over 12 Years	9,905	27.2	8,647	28.7
Handicapped	1,958	5.4	1,764	5.9
Welfare	2,792	7.7	2,714	9.0
Ethnic Group	36,399	100.0	30,089	100.0
White	30,869	84.8	26,623	88.5
Black	4,862	13.4	3,011	10.0
Other	668	1.8	455	1.5
Spanish Surname	1,198	3.3	1,012	3.4
Vietnam-ERA Veteran	1,252	3.4	3,102	10.3

Source: ESARS Table 03 Series Report No. MA5-45

CHARACTERISTICS OF APPLICANTS

Cumulative October 1976 through September 1977
Boston SMSA

CHARACTERISTICS OF APPLICANTS	REGISTERED APPLICANTS	INDIVIDUALS COUNSELED	PLACED AFTER COUNSELING	ENROLLED IN TRAINING	TOTAL APPLICANTS PLACED IN JOBS
All Ages	177,193	9,518	2,058	1,017	30,089
Under 20 years	27,530	1,036	260	152	7,974
20 - 21	17,706	704	190	83	3,962
22 - 24	25,950	1,135	297	136	4,433
25 - 29	31,485	1,867	414	210	4,685
30 - 39	32,645	2,354	415	288	4,106
40 - 44	10,930	790	174	74	1,282
45 - 54	18,780	1,093	228	65	2,274
55 - 64	10,072	494	75	8	1,154
65 years or older	2,095	45	5	1	219
	177,193	9,518	2,058	1,017	30,089
Men	100,635	5,569	1,525	410	18,459
Women	76,558	3,949	533	607	11,630
High School Grade Completed	177,193	9,518	2,058	1,017	30,089
0 - 7	5,502	420	68	90	702
8 - 11	45,556	3,040	627	420	9,114
12	70,877	3,503	811	430	11,626
Over 12 years	55,258	2,555	552	77	8,647
High School Graduated	8,607	1,090	247	43	1,764
High School Graduated	30,758	4,099	763	869	2,714
Race Group	177,193	9,518	2,058	1,017	30,089
White	155,270	7,944	1,820	819	26,623
Black	19,125	1,466	219	164	3,011
Other	2,157	84	14	25	396
Hispanic Surname	6,099	267	40	128	1,012
Veteran - ERA Veteran	15,171	1,059	347	65	3,102

Table 25

CHARACTERISTICS OF APPLICANTS

Boston SMSA

Cumulative October 1977 Through September 1978

CHARACTERISTICS OF APPLICANTS	REGISTERED APPLICANTS	INDIVIDUALS COUNSELED	PLACED AFTER COUNSELING	ENROLLED IN TRAINING	TOTAL APPLICANTS PLACED IN JOBS
All Ages	163,320	6,952	1,427	910	36,399
Under 20 years	26,430	620	168	106	11,481
20 - 21	15,157	481	141	73	4,059
22 - 24	22,498	812	191	97	4,976
25 - 29	28,488	1,416	296	174	5,545
30 - 39	32,887	1,879	341	303	4,831
40 - 44	10,392	554	79	70	1,396
45 - 54	16,808	805	145	69	2,511
55 - 64	8,700	340	59	16	1,338
65 years or older	1,960	45	7	2	262
	163,320	6,952	1,427	910	36,399
Men	88,879	3,814	1,008	318	21,993
Women	74,441	3,138	419	592	14,406
Highest Grade of School Completed	163,320	6,952	1,427	910	36,399
0 - 7	5,409	350	64	41	691
8 - 11	44,895	2,026	409	381	12,702
12	63,464	2,459	531	381	13,101
Over 12 years	49,552	2,117	423	107	9,905
Handicapped	8,113	969	233	60	1,958
Welfare	34,900	2,629	443	664	2,792
Ethnic Group	163,320	6,952	1,427	910	36,399
White	140,598	5,972	1,284	776	30,869
Black	19,978	892	128	117	4,862
Other	2,744	88	15	17	668
Spanish Surname	6,332	213	28	67	1,198
Vietnam - ERA Veteran	4,005	222	70	12	1,252

Table 26
 Characteristics of Applicants
 Percentange Change September 1977-September 1978
 Boston SMSA

Characteristics of Applicants	Registered Applicants	Total Applicants Placed In Jobs
Age - All Ages	- 7.8	+21.0
Under 20 Years	- 4.0	+44.0
20 - 21	-14.4	+ 2.4
22 - 24	-13.3	+12.2
25 - 29	- 9.5	+18.4
30 - 39	+ 0.7	+17.7
40 - 44	- 4.9	+ 8.9
45 - 54	-10.5	+10.4
55 - 64	-13.6	+15.9
65 years or older	- 6.4	+19.6
Sex	- 7.8	+21.0
Men	-11.7	+19.1
Women	- 2.8	+23.9
Highest Grade of School Completed	- 7.8	+21.0
0 - 7	- 1.7	- 1.6
8 - 11	- 1.5	+39.4
12	-10.5	+12.7
Over 12 years	-10.3	+14.5
Handicapped	- 5.7	+11.0
Welfare	+13.5	+ 2.9
Ethnic Group	- 7.8	+21.0
White	- 9.5	+15.9
Black	+ 4.5	+61.5
Other	+27.2	+46.8
Spanish Surname	+ 3.8	+18.4
Vietnam-ERA Veteran	-73.6	-59.6

C. Job Bank Activities

There were 8,203 job openings listed with the Boston Metropolitan Job Bank during October 1978. Occupationally the largest number of openings appeared in the clerical and sales category with 2,648 or 32 percent of all openings listed. Within the clerical and sales category, jobs requiring stenographic, typing, filing and related skills accounted for 61 percent of the openings. The occupational category having the second largest number of openings was structural work which had 1,228 jobs listed with Job Bank during October 1978. This was followed closely by services, and professional, technical and managerial with 1,165, and 1,127 openings respectively.

There were 3,684 openings that had been unfilled 30 days or more and here again the clerical and sales category accounted for the largest share with 26.9 percent of the total. The next largest number of jobs unfilled 30 days or more were in the service occupations with 17.8 percent.

Table 27
Employment Service Job Bank Openings
Boston Metropolitan Area
October 1978

DOT	Occupational Category	Number	Percent	Average Pay	Unfilled 30 Days	Percent
	TOTAL - ALL OCCUPATIONS	8,203	100.0	\$ 7,976*	3,684	100.0
1	Professional, Technical & Managerial	1,127	13.8	11,263*	592	16.1
2	Clerical and Sales	2,648	32.3	6,918*	991	26.9
3	Service	1,165	14.2	3.17**	655	17.8
4	Farming, Fishing, Forestry	66	0.8	3.02**	36	1.0
5	Processing	126	1.5	3.58**	72	2.0
6	Machine Trades	544	6.6	4.34**	266	7.2
7	Bench Work	436	5.3	3.44**	230	6.2
8	Structural Work	1,228	15.0	4.33**	452	12.2
9	Miscellaneous	863	10.5	3.47**	390	10.6

* Average Pay per year

** Average Pay per hour

Source: Tables 2 and 3

0) PROFESSIONAL, TECHNICAL, AND MANAGERIAL OCCUPATIONS
1)

This category includes occupations concerned with the theoretical or practical aspects of such fields of human endeavor as art, science, engineering, education, medicine, law, business relations, and administrative, managerial, and technical work. Most of these occupations require substantial educational preparation (usually at the university, junior college, or technical institute level).

2 CLERICAL AND SALES OCCUPATIONS

This category includes occupations concerned with preparing, transcribing, transferring, systematizing, and preserving written communications and records; collecting accounts; distributing information, and influencing customers in favor of a commodity or service. Includes occupations closely identified with sales transactions even though they do not involve actual participation.

3 SERVICE OCCUPATIONS

This category includes occupations concerned with performing tasks in and around private households; serving individuals in institutions and in commercial and other establishments; and protecting the public against crime, fire, accidents, and acts of war.

4 FARMING, FISHERY, FORESTRY, AND RELATED OCCUPATIONS

This category includes occupations concerned with growing, harvesting, catching, and gathering land and aquatic plant and animal life and the products thereof; and occupations concerned with providing services in support of these activities.

5 PROCESSING OCCUPATIONS

This category includes occupations concerned with refining, mixing, compounding, chemically treating, heat treating, or similarly working materials and products. Knowledge of a process and adherence to formulas or other specifications are required in some degree. Vats, stills, ovens, furnaces, mixing machines, crushers, grinders, and related equipment or machines are usually involved.

6 MACHINE TRADE OCCUPATIONS

This category includes occupations concerned with feeding, tending, operating, controlling, and setting up machines to cut, bore, mill, abrade, print, and similarly work such materials as metal, paper, wood and stone. Throughout this category the overall relationship of the worker to the machine is of prime importance. At the more complex levels, the important aspects of the work

include understanding machine functions, reading blueprints, making mathematical computations, and exercising judgement to attain conformance to specifications. Coordinations of the eyes and hands is the most significant factor at the lower levels. Disassembly, repair, reassembly, installations, and maintenance of machines and mechanical equipment, and weaving, knitting, spinning, and similarly working textiles are included in this category.

7 BENCH WORK OCCUPATIONS

This category includes occupations concerned with the use of body members, handtools, and bench machines to fit, grind, carve, mold, paint, sew, assemble, inspect, repair, and similarly work relatively small objects and materials, such as jewelry, phonographs, light bulbs, musical instruments, tires, footwear, pottery, and garments. The work is usually performed at a set position in a mill, plant, or shop, at a bench, worktable, or conveyor. At the more complex levels, workers frequently read blueprints, follow patterns, use a variety of handtools, and assume responsibility for meeting standards. Workers at the less complex levels are required to follow standardized procedures.

8 STRUCTURAL WORK OCCUPATIONS

This category includes occupations concerned with fabricating, erecting, installing, paving, painting, repairing, and similarly working structures or structural parts, such as bridges, building, roads, motor vehicles, cables, airplant engines, girders, plates, and frames. The work generally occurs outside a factory or shop environment, except for factory production line occupations. Tools used are hand or portable power tools, and such materials as wood, metal, concrete, glass, and clay are involved. Workers are frequently required to have a knowledge of the materials with which they work, e.g., stresses, strains, durability, and resistance to weather.

9 MISCELLANEOUS OCCUPATIONS

This category includes occupations concerned with transportation services; packing and warehousing, utilities; amusement, recreation, and motion picture services; mining and logging; graphic arts; and various miscellaneous activities.

Table 28

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE TOTAL	AVERAGE PAY	OPENINGS UNFILLED TOTAL	AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	AVERAGE PAY
TOTAL, ALL OCCUPATIONS	8,203	\$ 7,976	5,411	\$ 8,227	3,684	\$ 8,137
0 & 1 PROFESSIONAL, TECHNICAL, AND MANAGERIAL	1,127	11,253	850	11,516	592	11,087
003 ELECTRICAL AND ELECTRONICS ENGINEERING	56	13,232	50	13,611	29	13,317
005 CIVIL ENGINEERING	13	16,257	8	15,364	6	14,486
007 MECHANICAL ENGINEERING	25	15,358	21	15,856	14	16,440
008 CHEMICAL ENGINEERING	3	16,893	3	16,893	3	16,893
01 ARCHITECTURE AND ENGINEERING	36	15,319	30	15,925	15	15,225
011 METALLURGY AND METALLOGICAL ENG.	2	22,500	2	22,500	2	22,500
012 INDUSTRIAL ENGINEERING	15	16,285	13	16,637	6	16,223
017 DRAFTING AND RELATED WORK	8	11,560	5	11,432	2	9,360
018 SURVEYING AND CARTOGRAPHY	5	13,264	5	13,264	3	11,440
019 ARCHITECTURE AND ENGINEERING, N.E.C.	6	17,233	5	18,600	2	16,500
02 MATHEMATICS AND PHYSICAL SCIENCES	60	16,394	53	16,564	35	17,778
020 MATHEMATICS	41	18,166	36	18,233	23	19,783
022 CHEMISTRY	8	13,323	7	13,940	5	16,604
023 PHYSICS	4	16,100	4	16,100	3	16,000
024 GEOLOGY	1	15,000	1	15,000	0	0
029 MATHEMATICS & PHYSICAL SCIENCES, N.E.C.	6	8,810	5	8,908	4	9,055
04 LIFE SCIENCES	65	9,598	46	10,401	31	9,828
040 AGRICULTURAL SCIENCES	1	10,171	1	10,171	1	10,171
041 BIOLOGICAL SCIENCES	4	12,200	3	12,933	2	10,900
045 PSYCHOLOGY	60	9,411	42	10,226	28	9,739
05 SOCIAL SCIENCES	15	18,605	15	18,605	10	19,557
050 ECONOMICS	15	18,605	15	18,605	10	19,557

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
07 MEDICINE AND HEALTH	88	\$ 10,534	77	\$ 10,435	39	\$ 10,308
070 PHYSICIANS AND						
070 SURGEONS	2	17,750	2	17,750	0	0
074 PHARMASISTS	27	12,667	0	0	0	0
075 REGISTERED NURSES	27	11,535	22	11,591	16	11,572
077 DIETICIANS	1	5,512	1	5,512	0	0
078 MEDICAL AND DENTAL						
078 TECHNOLOGIST	25	9,800	24	9,838	11	9,883
079 MEDICINE AND HEALTH, N.E.C.	21	9,076	19	9,176	9	8,429
09 EDUCATION	70	10,989	52	10,851	30	10,467
090 COLLEGE AND						
090 UNIVERSITY EDUCATION	23	12,116	20	12,204	10	11,494
091 SECONDARY SCHOOL						
091 EDUCATION	10	10,867	5	10,901	5	10,901
092 PRIMARY SCHOOL AND						
092 KINDERGARTEN EDUC.	7	6,572	5	6,259	4	6,263
094 EDUCATION OF THE						
094 HANDICAPPED	4	11,660	4	11,660	2	12,448
096 ECONOMISTS AND FARM						
096 ADVISORS	2	12,700	2	12,700	0	0
097 VOCATIONAL EDUCATION						
097 N.E.C.	9	9,429	7	9,518	3	9,703
099 EDUCATION, N.E.C.	15	11,821	9	10,488	6	10,920
10 MUSEUM, LIBRARY AND						
100 ARCHIVAL SCIENCES	10	10,999	6	11,519	3	11,877
100 LIBRARIANS	9	11,110	6	11,519	3	11,877
102 ARCHIVISTS	1	10,000	0	0	0	0
11 LAW AND						
110 JURISPRUDENCE	6	12,704	4	13,166	1	10,000
110 LAWYERS	4	12,056	2	12,332	1	10,000
119 LAW AND JURIS- PRUDENCE, N.E.C.	2	14,000	2	14,000	0	0
13 WRITING						
131 WRITERS	17	12,827	14	12,079	11	11,981
132 EDITORS-PUBLICATIONS	7	13,058	5	11,262	2	9,500
132 BROADCAST & SCRIPT	10	12,679	9	12,532	9	12,532
14 ART	6	8,907	6	8,907	5	9,336

Table 28 (continued)
TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
METRO BOSTON, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE TOTAL	AVERAGE PAY	OPENINGS UNFILLED TOTAL	AVERAGE PAY	OPENINGS UNFILLED 30 DAYS TOTAL	AVERAGE PAY
141 COMMERCIAL/GRAPHIC ARTS-DESIGNERS/ILLUSTRATORS	4	\$ 8,550	4	\$ 8,550	3	\$ 9,147
149 ART WORK, N.E.C.	2	9,620	2	9,620	2	9,620
15 ENTERTAINMENT AND RECREATION	11	9,434	10	8,678	9	8,507
150 DRAMATICS	1	10,000	1	10,000	1	10,000
151 DANCING	8	8,320	8	8,320	8	8,320
152 MUSIC	1	17,000	0	0	0	0
153 ATHLETICS AND SPORTS	1	10,217	1	10,217	0	0
16 ADMINISTRATIVE SPECIALIZATIONS	230	11,014	173	10,874	139	10,469
160 ACCOUNTANTS AND AUDITORS	28	12,365	16	12,043	9	11,202
161 BUDGET AND MANAGEMENT ANALYSIS	3	18,555	2	19,332	1	14,664
162 PURCHASING MANAGEMENT	8	13,535	6	14,241	5	13,889
163 SALES AND DISTRIBUTION	4	21,333	4	21,333	4	21,333
164 ADVERTISING MANAGEMENT	1	10,000	1	10,000	0	0
165 PUBLIC RELATIONS MANAGEMENT	10	13,452	8	13,700	7	12,086
166 PERSONNEL AND EMPLOYMENT	35	11,052	22	10,974	19	10,869
168 INSPECTION, INVESTIGATION AND PUBLIC SERVICE	7	11,443	6	11,146	6	11,146
169 ADMINISTRATIVE SPECIALTIES, N.E.C.	134	9,959	108	9,821	88	9,514
18 MANAGERS AND OFFICIALS, N.E.C.	135	10,449	105	10,444	66	9,537
180 AGRICULTURE, FORESTRY, AND FISHING MANAGEMENT	2	6,240	0	0	0	0
182 CONSTRUCTION MANAGEMENT	3	10,000	2	10,000	2	10,000
183 MANUFACTURING INDUSTRY MANAGEMENT	4	19,100	4	19,100	2	13,200
184 TRANSPORTATION, COMMUNICATIONS, AND UTILITIES MANAGEMENT	1	10,400	1	10,400	0	0
185 WHOLESALE AND RETAIL TRADE MANAGEMENT	30	8,076	22	8,353	17	8,057
186 FINANCE, INSURANCE, AND REAL ESTATE MANAGEMENT	8	11,071	4	9,355	2	7,874

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE		OPENINGS UNFILLED		OPENINGS UNFILLED 30 DAYS	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
187 SERVICE INDUSTRY MANAGEMENT	50	\$ 10,936	43	\$ 10,705	24	\$ 10,812
188 PUBLIC ADMINIS. MANAGEMENT	7	13,612	6	12,935	2	9,660
189 MISC. MANAGERS AND OFFICIALS N.E.C.	30	10,436	23	10,150	17	8,989
19 MISC. PROFESSIONAL, TECHNICAL, MANAGERIAL WORK	277	9,475	175	9,672	146	9,314
195 SOCIAL AND WELFARE	270	9,366	168	9,506	143	9,181
199 MISC. PROF., TECH. AND MANAG. WORK, NEC	7	13,618	7	13,618	3	15,600
2 CLERICAL AND SALES	2,648	6,918	1,510	7,407	991	7,350
20 STENOGRAPHY, TYPING, FILING AND RELEASING	1,613	6,728	738	7,458	478	7,615
201 STENOGRAPHERS	261	8,182	211	8,193	144	8,039
202 TYPEWRITERS	37	7,094	26	7,971	9	8,023
203 G. MACHINE OPERATORS	353	7,401	269	7,476	153	7,342
205 INTERVIEWING						
206 FILE CLERKS	5	6,868	4	6,793	3	6,101
207 DUPLICATING-MACHINE OPERATORS & TENDERS	28	6,314	17	6,230	10	5,694
208 MAILING & MISC. OFFICE MACHINE OPERATORS	7	7,348	7	7,348	4	7,814
209 STENOGRAPHY, TYPING FILING & REL WRK NEC	2	7,150	2	7,150	0	0
21 COMPUTING AND ACCOUNT-RECORDING	920	6,022	202	7,455	155	7,621
210 BOOKKEEPERS & BOOK-KEEPING MACHINE OPS.	343	7,352	266	7,333	156	7,404
211 CASHIERS AND	65	8,236	50	8,154	30	8,362
213 ELECTRIC/ELECTROMECHANICAL DATA PROCESSOR	83	6,262	65	6,299	40	6,080
214 BILLING AND RATE CLERKS	20	8,395	18	8,273	11	8,582
215 PAYROLL, TIMEKEEPING & DUTY ROSTER-CLERKS	25	7,750	17	7,570	11	7,491
216 ACCOUNTING AND STATISTICAL CLERKS	14	7,670	11	7,876	6	7,922
	78	7,382	64	7,343	33	7,621

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED			OPENINGS UNFILLED 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
217 ACCOUNT-RECORDING- MACH. OPERATORS, NEC	7	\$ 6,498	7	\$ 6,498	1	\$ 6,240			
219 COMPUTING AND ACCOUNT RECORDING	51	7,380	34	7,461	24	7,460			
22 PRODUCTION AND STOCK CLERKS	175	6,922	124	6,887	85	6,664			
221 PRODUCTION CLERKS	15	7,936	13	7,704	10	7,137			
222 SHIPPING, RECEIVING, AND STOCK CLERKS	159	6,834	110	6,801	74	6,616			
- 229 PRODUCTION AND STOCK CLERKS, N.E.C.	1	5,512	1	5,512	1	5,512			
23 INFORMATION AND MESSAGE DISTRIBUTION	170	6,970	87	6,768	49	6,584			
230 HAND DELIVERY AND DISTRIBUTION	71	7,149	23	6,298	16	6,382			
235 TELEPHONE OPERATORS	23	6,382	12	7,032	8	6,473			
237 INFORMATION AND RECEPTION CLERKS	52	7,144	37	7,030	22	6,747			
239 INFO. AND MESSAGE DISTRIBUTION, N.E.C.	15	6,332	7	6,106	0	0			
24 MISCELLANEOUS CLERICAL	89	7,853	71	7,782	45	7,657			
241 INVESTIGATORS AND ADJUSTERS	27	8,678	23	8,344	10	8,481			
243 GOVERNMENT SERVICE CLERKS, N.E.C.	11	8,454	10	8,405	10	8,405			
245 MEDICAL SERVICE CLERKS, N.E.C.	1	8,060	0	0	0	0			
247 ADVERTISING-SERVICE CLERKS, N.E.C.	12	6,672	5	6,230	5	6,230			
249 MISCELLANEOUS CLERIC AL WORK, N.E.C.	38	7,460	33	7,438	20	7,227			
25 SALESPERSONS, SERVICE	44	8,258	40	8,420	27	8,943			
250 SALESMAN, REAL ESTATE AND INSURANCE	33	8,147	33	8,147	25	8,528			
251 BUSINESS AND FINANCIAL SERVICES	3	12,757	2	14,136	2	14,136			
252 SALESMAN, BUSINESS AND FINANCIAL SERVICES	4	8,547	4	8,547	0	0			

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED			OPENINGS UNFILLED 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
254 PRINTING AND ADVERTISING	4	\$ 5,512	1	\$ 5,512	0	\$	0		
26 SALESPERSON, CONSUMABLE COMMODITIES	37	6,132	31	6,173	23		6,119		
260 AGRICULTURAL AND FOOD PRODUCTS	2	9,100	2	9,100	2		9,100		
261 SALESMAN, TEXTILE PRODUCT, APPAREL & NOTIONS	35	5,963	29	5,972	21		5,835		
27 SALESPERSONS, N.E.C. COMMODITIES	122	6,656	107	6,487	99		6,435		
270 ELECTRICAL GOODS EXCEPT HOME APPLIANCES	7	6,398	5	6,305	4		5,931		
273 SALESMAN, TRANSPORT EQUIPMENT, INDUSTRIAL	3	8,667	3	8,667	3		8,667		
274 SALESMAN, INDUSTRIAL EQUIP. & SUPPLIES	5	7,535	3	5,997	3		5,997		
275 SALESMAN, BUS/COMMERCIAL EQUIP./SUPPLIES	2	7,410	1	6,500	1		6,500		
277 SALESMAN, SPORT/HOBBY, STATIONERY, REL. GOODS	6	6,240	4	6,240	4		6,240		
279 SALES OCCAS., MISCELLANEOUS, N.E.C.	99	6,579	91	6,452	84		6,403		
29 MISCELLANEOUS SALES OCCUPATIONS	55	8,125	46	7,953	29		8,143		
290 SALES CLERKS	6	6,725	6	6,725	4		6,838		
291 VENDING AND DOOR TO DOOR SELLING	1	7,280	1	7,280	1		7,280		
292 ROUTE SALES AND DELIVERY	15	8,392	9	8,006	2		8,156		
293 SOLICITORS	2	10,500	2	10,500	0		0		
295 SALES CLERKS	1	7,410	1	7,410	1		7,410		
297 SALES PROMOTION OCCUPATIONS	1	9,984	1	9,984	1		9,984		
299 MISCELLANEOUS SALES OCCUPATIONS, N.E.C.	29	8,103	26	7,990	20		8,390		
3 SERVICE	1,165	3,17	953	3,14	655		3,08		
30 DOMESTIC SERVICE	44	2,89	36	2,89	29		2,87		
301 HOUSEHOLD AND RELATED WORK	40	2,91	33	2,91	27		2,88		
302 LAUNDRY WORK, PRIVATE FAMILY	1	2,75	0	0	0		0		

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE	OPENINGS UNFILLED	OPENINGS UNFILLED 30 DAYS
TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
309 DOMESTIC SERVICE OCCUPATIONS, N.E.C.	3	3	2
31 FOOD & BEVERAGE PREP ARATION & SVC OCCS	534	432	307
310 HOSTS(ESSES)/STEWARD S(ESSES) EXCEPT SHIP	5	4	3
311 WAITERS/WAITRESSES	166	143	116
312 BARTENDERS	3	2	1
313 CHEFS AND COOKS	126	99	72
315 HOTELS & RESTAURANTS MISCELLANEOUS COOKS, EXCEPT DOMESTIC	12	11	6
316 MEATCUTTING, EXC. IN SLAU AND PACK-HOUSES	2	2	2
317 MISCELL. FOOD AND BEVERAGE PREPARATION	18	13	9
318 KITCHEN WORKERS, N.E.C.	198	155	97
319 FOOD/BEVERAGE PREPAR ATION & SVC., N.E.C.	4	3	1
32 LODGING AND RELATED SERVICE OCCUPATIONS	77	63	31
321 HOUSEKEEPERS, HOTELS	13	10	1
323 MAID AND REL. SERV.	61	51	28
324 BELHOPS AND RELATED OCCUPATIONS	3	2	2
33 BARBERING, COSMETIC AND REL. SVC. OCCS.	7	5	4
332 HAIRDRESSERS AND COSMETOLOGISTS	6	5	4
339 BARBERING/COSMETOLOG Y & REL. SVC. OCCS, NEC	1	0	0
35 MISC. PERSONAL SERVICE OCCUPATIONS	105	85	55
354 UNLICENSED MIDWIFE AND PRAC. NURS. SERV.	10	9	1
355 ATTN. WORK HOSPITALS MORG. AND REL. HEALTH S	82	67	48
358 CHECKROOM, LOCKER RM & RESTROOM ATTENDANT	1	1	0

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

J O B T I T L E	O P E N I N G S A V A I L A B L E			O P E N I N G S U N F I L L E D			O P E N I N G S U N F I L L E D 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
359 MISC. PERSONAL SERVICE OCCUPATIONS, NEC	12	\$ 3.40	8	\$ 3.29	6	\$ 3.14			
36 APPAREL/FURNISHINGS SERVICE OCCUPATIONS	54	3.15	42	3.13	32	3.04			
361 LAUNDRY SERVICE	17	3.01	11	2.90	8	2.89			
362 DRY-CLEANING SERVICE	1	3.50	1	3.50	1	3.50			
363 PRESSING SERVICE	29	3.27	25	3.25	19	3.08			
365 SHOE AND LUGGAGE REPAIR AND REL. SERV.	1	3.12	1	3.12	1	3.12			
369 APPAREL/FURNISHINGS SERVICE OCCS., N.E.C.	6	2.88	4	2.91	3	3.00			
37 PROTECTIVE SERVICE OCCUPATIONS	174	3.12	158	3.07	105	3.07			
371 CROSSING TENDERS AND BRIDGE OPERATORS	3	3.00	3	3.00	3	3.00			
372 SEC. GRDS./CORR. OFFICE RS EXC. CROSS. TENDERS	153	3.02	139	2.97	95	2.99			
375 POLICE OFFICERS & DETECTIVES, PUB. SVC.	1	4.75	0	0	0	0			
376 POLICE AND RELATED WORK, EXC. IN PUB. SERV.	9	3.74	8	3.86	1	4.40			
379 PROTECTIVE SERVICES OCCUPATIONS, N.E.C.	8	4.12	8	4.12	6	4.11			
38 BUILDING AND RELATED SERVICE OCCUPATIONS	170	3.31	132	3.30	92	3.26			
381 PORTERS AND CLEANERS	103	3.24	77	3.20	59	3.15			
382 JANITORS	61	3.39	51	3.38	32	3.48			
388 ELEVATOR OPERATORS	1	2.65	0	0	0	0			
389 BUILDING & REL. SVC. OCCUPATIONS, N.E.C.	5	4.03	4	4.29	1	3.25			
4 FARMING, FISHERY, FORESTRY, AND RELATED	66	3.02	43	3.08	36	3.04			
40 PLANT FARMING OCCUPATIONS	57	3.02	40	3.08	33	3.03			
405 HORTICULTURAL SPECIALTY OCCUPATIONS	7	2.86	0	0	0	0			
406 GARDENING AND GROUND SKEEPIG OCCUPATIONS	26	2.87	22	2.89	21	2.84			
408 PLANT LIFE AND REL. SVC. OCCUPATIONS	23	3.24	18	3.30	12	3.35			

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED			OPENINGS UNFILLED 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
409 PLANT FARMING	1	\$ 3.00	0	\$ 0	0	\$ 0	0	\$ 0	
41 ANIMAL FARMING									
410 DOMESTIC ANIMAL FARMING OCCUPATIONS	4	3.13	3	3.17	3	3.17	3	3.17	
42 MISC. AGRICULTURAL & RELATED OCCUPATIONS	4	3.13	3	3.17	3	3.17	3	3.17	
421 GENERAL FARMING	5	3.00	0	0	0	0	0	0	
422 GENERAL FARMING OCCUPATIONS	5	3.00	0	0	0	0	0	0	
5 PROCESSING	126	3.58	94	3.63	72	3.54	72	3.54	
50 PROCESSING OF METAL	21	3.86	18	3.82	7	3.54	7	3.54	
501 ELECTROPLATING	7	3.91	4	3.75	4	3.75	4	3.75	
503 PICKLING, CLEANING, DEGREAS-AND REL.WORK	4	4.03	4	4.03	2	3.38	2	3.38	
504 HEAT TREATING	1	3.00	1	3.00	1	3.00	1	3.00	
509 METAL PROCESSING	9	3.85	9	3.85	0	0	0	0	
509 OCCUPATIONS, N.E.C.									
51 ORE REFINING AND FOUNDRY OCCUPATIONS	10	4.19	6	4.17	5	4.35	5	4.35	
518 MOLDING, COREMAKING, AND RELATED WORK	3	4.17	0	0	0	0	0	0	
519 ORE REFINING AND FOUNDRY OCCUPATIONS,NEC	7	4.19	6	4.17	5	4.35	5	4.35	
52 PROC. FOOD, TOBACCO, AND RELATED PRODUCTS									
520 MIX. COMP. BLENDING	21	3.48	17	3.61	16	3.67	16	3.67	
520 KNEAD. SHAP. REL.WRK	2	4.00	2	4.00	2	4.00	2	4.00	
524 COATING,ICING,DECORA	1	3.50	1	3.50	1	3.50	1	3.50	
526 COOKING AND BAKING	13	3.61	13	3.61	12	3.69	12	3.69	
529 TOBACCO/FOOD PROCESSING & REL PROD NEC	5	2.95	1	3.00	1	3.00	1	3.00	
55 CHEM,PLASTICS, SYNTH. RUBBER,PAINT PROCESS									
550 MIXING AND BLENDING	47	3.54	37	3.55	32	3.51	32	3.51	
554 COATING,CALENDERING, LAMINATING & FINISH.	6	4.46	3	4.80	3	4.80	3	4.80	
555 LAMINATING & FINISH.	4	3.32	4	3.32	2	3.25	2	3.25	

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED			OPENINGS UNFILLED 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
556 CASTING AND HOLDING OCCUPATIONS, N.E.C.	30	\$ 3.42	26	\$ 3.45	24	\$ 3.37			
558 REACTING OCCUPATIONS N.E.C.	1	3.50	1	3.50	0	0			
559 PROCESSING OF CHEMIC ALS & REL. PROD.,NEC	6	3.38	3	3.47	3	3.47			
57 PROCESSING OF STONE, CLAY GLASS & REL PR	2	3.93	2	3.93	1	3.00			
576 PROCESS. NONMETALLIC MIN. AND REL. PRODUCTS	2	3.93	2	3.93	1	3.00			
58 PROCESSING LEATHER, TEXTILES, & REL. PR.	3	3.23	3	3.23	2	3.22			
585 SINGING, CUTTING, SHE AR, SHAV, & NAPING	1	3.00	1	3.00	1	3.00			
589 LEATHER, TEXTILES & R EL. PROD. PROCESS, NEC	2	3.34	2	3.34	1	3.43			
59 PROCESSING OCCUPATIONS, N.E.C.	22	3.21	11	3.43	9	3.08			
590 PROCESSING PRODUCTS FROM ASST. MATERIALS	19	3.00	8	3.00	8	3.00			
599 MISCELLANEOUS PROCESSING	3	4.57	3	4.57	1	3.70			
6 MACHINE TRADES	544	4.34	405	4.19	266	4.19			
60 METAL MACHINING OCCUPATIONS	204	4.79	133	4.35	73	4.62			
600 MACHINISTS AND RELATED OCCUPATIONS	115	5.02	70	4.54	45	4.51			
601 TOOLMAKING AND RELATED WORK	18	6.15	5	6.53	3	7.55			
602 GRADING	11	5.79	10	5.79	7	6.00			
603 TURNING	16	4.97	11	4.59	7	5.50			
605 MILLING, SHAPING & FINISHING	12	4.12	12	4.12	4	4.74			
606 BORING	10	3.50	8	3.45	4	3.61			
609 METAL MACHINING OCCUPATION, N.E.C.	22	3.74	17	3.77	9	3.77			
61 METALWORKING OCCUPATION, N.E.C.	58	3.67	40	3.71	32	3.77			
612 FORGING OCCUPATIONS, N.E.C.	1	6.00	1	6.00	1	6.00			

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
615 PUNCHING AND SHEARING	3	\$ 4.60	2	\$ 4.38	2	\$ 4.38
616 FABRICATING MACHINE WORK	33	3.52	23	3.58	16	3.73
617 FORMING OCCUPATIONS, N.E.C.	2	4.15	2	4.15	2	4.15
619 MISC. METALWORKING OCCUPATIONS, N.E.C.	19	3.60	12	3.58	11	3.45
62 MECHANICS AND MACHINERY REPAIRERS	147	4.50	119	4.57	82	4.47
620 MTR. VEHICLE & ENGINEER. EQUIP. MECHANICS	131	4.38	105	4.46	70	4.29
621 AIRCRAFT REPAIRING	1	4.50	1	4.50	1	4.50
623 MARINE EQUIPMENT REPAIRING	9	6.26	8	6.11	7	6.14
625 ENGINE, POWER TRANS. AND REL. EQUIP. REPAIR	1	6.00	1	6.00	1	6.00
626 METALWORKING	1	4.72	1	4.72	1	4.72
627 PRINT. & PUBLISH. ME	1	3.00	1	3.00	1	3.00
628 TEXTILE MACHINERY AND EQUIP. REPAIRING	1	4.50	0	0	0	0
629 SPECIAL INDUSTRIES MACHINERY REPAIRING	2	4.18	2	4.18	1	5.00
63 MECHANICS AND MACHINERY REPAIRMEN	47	4.39	42	4.33	22	4.37
630 BUSINESS AND COMMER.	8	3.75	8	3.75	4	3.21
631 MACHINE REPAIRING	4	4.82	4	4.82	2	4.88
632 UTILITY EQUIPMENT REPAIRING	29	4.62	25	4.56	11	4.98
638 MISC. MACHINE INSTALLATION & REPAIR OCCS.	6	3.87	5	3.77	5	3.77
639 MECHANICS AND MACHINERY REPAIRERS, NEC	13	3.69	7	3.76	7	3.76
64 PAPERNWORKING OCCUPATIONS	2	6.00	2	6.00	2	6.00
640 PAPER CUTTING, WINDING, AND REL. WORK	3	3.60	2	2.65	2	2.65
641 FOLDING, CREASING, SCORING, AND GLUING	8	3.15	3	3.02	3	3.02
649 PAPERNWORKING OCCUPATIONS, N.E.C.						

Table 28 (continued)

TOTAL \$5 JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED			OPENINGS UNFILLED 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
65 PRINTING OCCUPATIONS	32	\$ 3.47	27	\$ 3.51	17	\$ 3.39			
650 TYPESETTING AND									
650 COMPOSING	1	4.00	1	4.00	1	4.00			
651 PRINTING PRESS WORK	12	3.68	10	3.71	5	3.37			
652 PRINTING MACHINE									
652 WORK	6	3.56	6	3.56	5	3.37			
653 BOOKBINDING-MACHINE									
653 OPERATORS & REL.OCCS	10	3.04	7	3.06	5	3.08			
659 PRINTING	3	3.67	3	3.67	1	4.50			
66 WOOD MACHINING									
660 OCCUPATIONS	7	3.79	6	3.58	5	3.70			
660 CABINETMAKING	4	4.19	3	3.92	3	3.92			
661 PATTERNMAKING	1	3.00	1	3.00	0	0			
667 SAWING	2	3.38	2	3.38	2	3.38			
68 TEXTILE OCCUPATIONS									
685 KNOTTING OCCUPATIONS	1	3.30	1	3.30	1	3.30			
EXCEPT HOSIERY	1	3.30	1	3.30	1	3.30			
69 MACHINE TRADES OCCU-									
PATIONS, N.E.C.	35	3.28	30	3.29	27	3.31			
690 PLASTIC, SYN, RUBBER &									
LEATHER WORK, OCCS.	12	3.21	12	3.21	11	3.23			
691 FABRICATION OF INSUL									
ATION WIRE & CABLE	2	4.03	1	5.06	1	5.06			
692 FABRICATION OF PROD.									
FROM ASSORTED MATER.	5	3.00	5	3.00	5	3.00			
699 MISC. MACHINE WORK									
OCCUPATIONS, N.E.C.	16	3.33	12	3.35	10	3.37			
7 BENCH WORK									
70 METAL PROD. FAB. ASS									
EMBLY & REPAIR, NEC	436	3.44	350	3.45	230	3.37			
700 FAB. ASSEM. REPAIR OF									
JEWEL, SILVRE, REL. PR	69	3.41	49	3.52	38	3.55			
705 FILING, GRINDING, BUF.	11	4.05	10	4.13	10	4.13			
CLEANING & POL. OCCS.									
706 METAL UNIT ASSEMBLY	10	3.61	10	3.61	7	3.66			
& ADJUSTING N.E.C.									
709 FAB. ASSEM. & REPAIR	43	3.23	27	3.28	20	3.25			
OF METAL PRODS., NEC	5	3.20	2	3.25	1	3.00			
71 FAB/REP SCIENT, MED,									
PHOTO, OPT, HOR, REL, PD	29	3.88	26	3.95	11	3.76			

Table 28 (continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
710 FAB. REP. INS. FOR MEAS CON. & IND. PHY. CHAR	14	\$ 4.28	13	\$ 4.31	4	\$ 3.95
711 OCCS. IN FAB. & REPAIR OF OPTICAL INST.	3	2.98	3	2.98	0	0
712 FAB. AND REP. OF MED. DENT. INS. AND SUP.	3	4.49	3	4.49	1	4.43
713 OCCS. IN FAB. & REPAIR OF OPHTHALMIC GOODS	2	2.83	2	2.83	2	2.83
714 FAB. & REPAIR OF PHOTO. EQUIP. & SUPP	2	3.00	0	0	0	0
716 ENG. & SCIEN. INST. & EQUIP. FAB. & REP., NEC	5	3.70	5	3.70	4	3.88
72 ASSEMBLY AND REPAIR OF ELECTRICAL EQUIP.	159	3.58	131	3.57	68	3.60
720 RADIO & TV RECEIVERS & PHONO. ASSEMBLERS	9	4.62	8	4.76	8	4.76
721 MOTORS, GENERATORS & REL. PROD. ASSEMBLERS	6	3.22	6	3.22	3	3.67
723 OCCS. ASSEMBLERS & COIL ASSEMBLERS	4	3.81	3	3.42	1	3.75
724 WELDING, ASSEMBLERS & ELECTRONIC TUBES	2	2.83	0	0	0	0
725 ASSEM. OF LIGHT TUBES & ELECTRONIC TUBES	6	3.00	6	3.00	6	3.00
726 ASSEM. & REP. OF ELE C. COMPON. & ACC. NEC	99	3.42	84	3.42	46	3.36
727 OCCUPATIONS IN STORA GE BATTERY ASSEMBLY	2	3.85	2	3.85	0	0
728 OCCS. IN FABRICATION OF ELEC. WIRE & CABLE	2	3.30	2	3.30	0	0
729 ASSEM. & REPAIR OF E LECTRICAL EQUIP., NEC	29	4.01	20	3.93	4	4.57
73 FAB/REPAIR OF PROD. MADE FROM ASST. MATER	11	2.92	9	2.84	7	2.86
737 FAB. OF AMMO. FIRE- WORKS AND EXPLOSIVES	2	3.63	1	3.50	1	3.50
739 FAB/REP. OF PROD. MADE FROM ASSORT. MATS., NEC	9	2.76	8	2.76	6	2.75
74 PAINTING, DECORATING AND RELATED	23	3.83	15	3.83	15	3.83
741 SPRAY PAINTING	11	4.05	6	4.02	6	4.02

Table 28(continued)

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED		
	TOTAL	AVERAGE PAY	TOTAL	TOTAL	AVERAGE PAY	TOTAL
787 MACHINE SEWING OPER- ATORS NONGARMENT	25	\$ 2.72	22	\$ 2.68	21	\$ 2.68
788 OCCS IN FABRICATION & REPAIR OF FOOTWEAR	9	3.30	4	2.65	4	2.65
789 FAB/REP TEXTILE LEAT HER & REL PROD. NEC	8	3.10	8	3.10	4	3.16
79 BENCH WORK OCCUPATIONS, N.E.C.	10	2.65	10	2.65	10	2.65
794 OCCS IN FABRICATION OF PAPER PRODS., NEC	10	2.65	10	2.65	10	2.65
8 STRUCTURAL WORK	1,228	4.33	625	4.71	452	4.73
80 OCCUPATIONS IN METAL FABRICATION, N.E.C.	139	5.27	95	5.19	52	5.15
801 FITTING, BOLTING, SCREWING, AND REL. WRK	3	4.98	2	4.97	1	4.26
804 TINSMITHS, COPPERSMIT HS&SH.MTL.WORKERS	33	4.29	29	4.39	14	4.57
805 BOILERMAKING	12	6.29	11	6.33	5	5.83
806 TRANS. EQUIPMENT ASSEM. AND REL. WORK	45	6.24	17	6.34	8	6.82
807 BODY WORK, TRANSPORT. EQUIPMENT	37	5.06	32	5.14	23	4.92
809 MISC. OCCS. IN METAL FABRICATING, N.E.C.	9	3.69	4	3.45	1	2.65
81 WELDERS, FLAME CUTTERS, AND RELATED	46	4.33	36	4.37	27	4.18
811 GAS WELDING	1	3.30	1	3.30	0	0
812 RESISTANCE WELDERS	1	3.30	1	3.30	1	3.50
813 BRASS/ALUM. ORAL. WELD- ING AND SOLDERING OCCS	13	3.04	13	3.04	12	3.05
816 PLUM. AND ARC CUTTING	1	4.00	1	4.00	1	4.00
819 WELDING, CUTTING AND RELATED WORK, N.E.C.	3	5.92	2	6.75	1	6.00
82 ELECTRICAL ASSEMB. INST. AND REPAIRING	157	5.10	92	4.56	66	4.59
821 TRANS. AND DIST. LINE CIR. ASSEM. INST. REP.	1	3.50	1	3.50	0	0
822 WIRE COM. DET. SIG. EQU ASSEM. INSTAL. AND REP	11	3.75	4	3.88	3	4.00

Table 28 (continued)
TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED			OPENINGS UNFILLED 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
823 ELEC.COMPL.DET.SIG. EQU.ASSEM.INST.REP.	1	\$ 5.02	1	\$ 5.02	1	\$ 5.02			
824 LIGHT.EQU. & BLD.WIR ASSEM.INST.REP. NEC	58	5.74	45	5.13	33	5.18			
825 TRANS.MAT.HAND.EQUIP ASSEM.INST. & REP.NEC	31	6.32	2	4.00	2	4.00			
826 IND.APP.ASSEM.INST. & REP. OCCS. N.E.C.	14	4.36	4	4.68	0	0			
827 LARGE HOUS.APP.SIM. COM.IND.EQU.ASSEM.	10	3.67	6	3.66	3	3.49			
828 ELEC. & ELEC. PROD. FAB. INSTALL. REP.NEC	17	4.12	16	4.14	12	4.14			
829 INSTAL.REP.OF ELECTR ICAL PRODUCTS,N.E.C.	14	3.86	13	3.83	12	3.92			
84 PAINTING, PLASTERING WATERPT., CEMENTING 840 CONSTRUCTION AND MAINT. PAINTERS	53	5.09	49	5.01	34	5.26			
842 PLASTERING AND RELATED WORK	34	4.54	30	4.33	17	4.22			
844 CEMENT AND CONCRETE FINISHING & RELATED TRANSPORTATION EQUIP	5	6.30	5	6.30	5	6.30			
845 PAINTING & RELATED	4	8.13	4	8.13	4	8.13			
85 EXCAVATING, GRADING, PAVING, & REL. OCCS. 850 EXCAVATING, GRADING, AND RELATED WORK	10	5.16	10	5.16	8	5.39			
853 ASPHALT & CONCRETE PAVING OCCUPATIONS	5	6.00	4	6.00	2	6.00			
859 EXCAVATING, GRADING PAVING &REL.OCCS.NEC	2	6.00	1	6.00	1	6.00			
86 CONSTRUCTION OCCUPATIONS, N.E.C.									
860 CARPENTRY AND RELATED WORK	425	4.64	234	4.73	168	4.83			
861 BRICK/STONE MASONRY & TILE SETTERS	83	4.95	65	4.94	35	5.20			
862 PLUMBER,GAS FITTING STEAM FITTING OCCS.	10	6.97	10	6.97	10	6.97			
863 ASBESTOS AND INSULATION WORK	74	6.12	29	5.75	15	6.26			
	4	6.75	4	6.75	4	6.75			

TOTAL ES JOB BANK OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

J O B T I T L E	O P E N I N G S A V A I L A B L E		O P E N I N G S U N F I L L E D		O P E N I N G S U N F I L L E D 30 D A Y S	
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY
864 FLOOR LAYING AND FINISHING WORK	9	\$ 4.09	8	\$ 4.23	7	\$ 4.40
865 GLAZIERS AND RELATED WORK	11	4.27	11	4.27	7	4.18
866 ROOFING AND RELATED WORK	7	4.50	7	4.50	7	4.50
869 MISCELLANEOUS CONSTRUCTION WORK, N.E.C.	227	3.94	100	4.09	83	4.17
89 STRUCTURAL WORK OCCUPATIONS, N.E.C.	403	3.27	115	4.36	103	4.38
891 STRUCTURAL MAINTENANCE	6	4.54	3	4.27	3	4.27
899 STRUCTURAL MAINTENANCE OCCUPATIONS, N.E.C.	397	3.25	112	4.36	100	4.39
9 MISCELLANEOUS	863	3.47	581	3.38	390	3.36
90 MOTOR FREIGHT OCCUPATIONS	127	3.97	79	3.94	50	3.79
903 TRUCK DRIVING, INFLAMMABLES	6	3.71	4	3.31	4	3.31
904 TRAILER-TRUCK DRIVING	8	4.75	7	4.67	0	0
905 HEAVY TRUCK DRIVING	56	4.29	38	4.19	31	4.10
906 LIGHT TRUCK DRIVING	52	3.48	27	3.42	15	3.28
909 MOTOR FREIGHT OCCUPATIONS, N.E.C.	5	4.46	3	4.44	0	0
91 TRANSPORTATION OCCUPATIONS	110	3.78	81	3.30	51	3.24
910 RAILROAD TRANSPORTATION OCCUPATIONS	14	7.00	0	0	0	0
913 PASSENGER TRANSPORTATION OCCUPATIONS, N.E.C.	16	4.02	12	4.11	7	4.31
914 PUMPING AND PIPELINE TRANSPORT	1	3.55	1	3.55	0	0
915 PARKING LOT & AUTO. SERVICE FACILITIES	63	3.10	53	3.09	35	3.00
919 MISC. TRANSPORTATION WORK, N.E.C.	16	3.37	15	3.36	9	3.34
92 PACKAGING/MATERIALS HANDLING OCCUPATIONS	579	3.29	386	3.24	262	3.26
920 PACKAGING OCCUPATIONS	89	3.06	75	3.00	36	2.97

TOTAL ES JOB B-4 OPENINGS AND AVERAGE PAY
BY OCCUPATIONAL CATEGORY, DIVISION AND JOB TITLE
BOSTON METRO, MASSACHUSETTS
OCTOBER, 1978

JOB TITLE	OPENINGS AVAILABLE			OPENINGS UNFILLED			OPENINGS UNFILLED 30 DAYS		
	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	TOTAL	AVERAGE PAY	
921 HOISTING AND CONVEY- ING OCCUPATIONS	14	\$ 4.13	9	\$ 4.24	3	\$ 5.49			
922 MATERIALS MOVING AND STORING OCCS., N.E.C.	307	3.37	188	3.34	152	3.36			
929 PACKAGING/MATERIALS HANDLING OCCS.,N.E.C.	169	3.18	114	3.16	71	3.10			
95 PRODUCTION AND DIST. OF UTILITIES	10	4.53	8	4.79	2	6.52			
950 STATIONARY ENGINEERING	3	5.90	3	5.90	2	6.52			
952 GEN.TRANS.& DISTR.OF ELEC.LIGHT & POWER	3	4.64	2	5.21	0	0			
953 PRODUCTION AND DISTR IBUTION OF GAS OCCS.	2	2.65	2	2.65	0	0			
954 FILTRATION,PURIFIC. AND DISTRIB.OF WATER	1	4.91	1	4.91	0	0			
959 PROD. AND DISTRIB.OF UTIL.OCCS., N.E.C.	1	3.50	0	0	0	0			
97 GRAPHIC ART WORK OCCUPATIONS	37	3.55	27	3.63	25	3.60			
970 ART WORK, BRUSH SPRAY OR PEN OCCS.	1	3.00	0	0	0	0			
971 PHOTOENGRAVING OCCUPATIONS	2	4.00	2	4.00	2	4.00			
972 LITHOGRAPHY AND RELATED WORK	1	2.65	0	0	0	0			
973 HAND COMPOSITION, TYPESETTING,REL.WORK	6	3.94	4	4.19	4	4.19			
976 DARKROOM WORK	2	2.95	1	2.95	1	2.95			
977 BOOKBINDING AND RELATED WORK	1	5.00	1	5.00	1	5.00			
979 GRAPHIC ART WORK OCCUPATIONS, N.E.C.	24	3.47	19	3.43	17	3.36			

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